

AD-A134 203 ADAK NAS ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 24 AUG 83
UNCLASSIFIED USAFETAC/DS-83/038 SBI-AD-E850 421 F/G 4/2

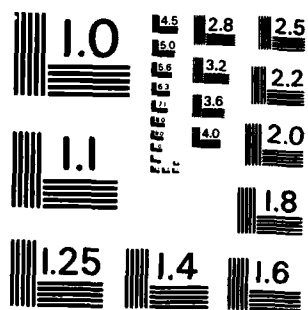
ADAK NAS ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS ((U)) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 24 AUG 83
USAFETAC/DS-83/038 SBI-AD-E850 421 F/G 4/2

1/5

UNCLASSIFIED

F/G 4/2

NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

AD-A134 203

DS-83/038

①

HDE 830 1/1

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

AWS TECHNICAL LIBRARY
FD 4411
SCOTT AFB, IL 62225

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

ALASKA: AK
14753 11113- ELEV 10 F.
FAIR: A-F
CHRS SUMMARY: 11113-11113
RECORD OF RECORD:
HOURLY OBSERVATIONS: JAN 73 - DEC 81
SUMMARY OF DAY DATA: JAN 73 - DEC 81
TIME CONVERSION TIME TO LST: -11

AUG 24 1983

DISTRIBUTION STATEMENT A
Approved for public release
Distribution Unlimited

FEDERAL BUILDING
ASHEVILLE, N. C.

DTIC
ELECTE
S OCT 6 1983 D
B

83 10 00 172

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

FILE 550 421

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS- 83/038	2 GOVT ACCESSION NO. AD-A134-203	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Adak NAS, Alaska.		5 TYPE OF REPORT & PERIOD COVERED Final rept.
7 AUTHOR(s)		6 PERFORMING ORG REPORT NUMBER
9 PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8 CONTRACT OR GRANT NUMBER(s)
11 CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10 PROGRAM ELEMENT PROJECT TASK AREA & WORK UNIT NUMBERS
14 MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12 REPORT DATE AUG 83
		13 NUMBER OF PAGES p320
		15 SECURITY CLASS (of this report) UNCLASSIFIED
		15a DECLASSIFICATION DOWNGRADING SCHEDULE
16 DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18 SUPPLEMENTARY NOTES		
19 KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperature Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative humidity *Climatological data (over)		
20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for ADAK NAS, MITCHELL FIELD, ALASKA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM 1473
1 JAN 73

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*ALASKA

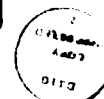
*ADAK NAS

*MITCHELL FIELD

USAK704540

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

Accession For	
NTIS GRA&I	<input checked="checked" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A	



UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WHO number with the addition of a suffix zero; or, in cases where there is no designated WHO number, a 5-digit number created in agreement with WHO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO:	STATION NAME:	LATITUDE:	LONGITUDE:	Field ELEV FT	CALL SIGN:	WMO NO:
704540	ADAK ALASKA NS	N 51 53	W 176 39	19.0	PADK	70454
STATION HISTORY AND WIND EQUIPMENT INFORMATION						
# OF Loc.	DATE OF CHANGE	TYPE OF STATION CHANGE	WIND EQUIPMENT LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HEIGHT ABOVE GROUND
1.	Oct 1942	Longview AAF Weather Station (Joint Unit AAF & Navy)	Not available	N/A	N/A	N/A
2.	12/31/43	Adak (Joint Unit) AF & Navy	Not available	N/A	N/A	N/A
3.	6/30/48	Davis AFB (Joint Unit) AF & Navy	Not available	N/A	N/A	N/A
4.	7/1/50	Adak Alaska NS	Located 1000 Ft NNW of hangar and 500 Ft E of air control tower.	Selsyn	ML-144	25 Ft
5.	2/12/52	No change	On top S end of hangar.	AN/UMQ-5	AN/UMQ-5	80 Ft
6.	1/12/54	No change	No change	No change	No change	75 Ft
7.	9/4/57	No change	No change	AN/UMQ-5C	AN/UMQ-5C	No change
8.	6/30/59	No change	On top N end of hangar	No change	No change	69 Ft
9.	2/1/60	No change	Located 90 Ft from operations building on a mast.	Aerovane	Aerovane	58 Ft
10.	2/4/62	No change	Located about 500 Ft WSW of control tower	No change	No change	25 Ft
11.	5/29/62	No change	Located 500 Ft on a bearing of 115 degrees true from intersection of center lines of runways 05-23 and 36-18.	No change	No change	15 Ft
12.	2/1/63	No change	No change	No change	No change	25 Ft
STATION REPORTS 24 OBS PER DAY - OCT 42 TO PRESENT. (May 1983)						

STATION NO. ON SUMMARY 704540		STATION NAME Adak, Alaska		LATITUDE 51 53 N		LONGITUDE 176 39 W		FIELD ELEV. FT. 19.0		CALL SIGN PADK		WMO NUMBER 70454	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	HT BARO.					
13	Adak, Alaska NS	NS	Mar 63	Apr 68	51 53 N	176 39 W	19.1	18.4	24				
14	SAME	NS	May 68	Dec 80	SAME	SAME	SAME	SAME	24				
15	SAME	NS	Jan 81	May 83	SAME	SAME	SAME	SAME	24				
SURFACE WIND EQUIPMENT INFORMATION													
NUMBER OF LOCATION	DATE OF CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE MSL	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
13a	1965	Located 500 ft on a true bearing of 115 degrees from the intersection of the centerlines of runways 05-23 and 36-18.	AN/UMQ/5C	RD108n/UMQ-5	25 ft								
14a	1974	Located 692 ft 6 inches on a true bearing of 115 degrees from the intersection of the centerlines of runways 05-23 and 18-36.	SAME	SAME	25 ft								
15a	1979	SAME	SAME	R0447-AGMO29	25 ft								

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE MSL	
16a	1981	SAME	SAME	R-108-B	25 ft	
17a	May 83	SAME	SAME	SAMP	25 ft	

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

704540 ADAP NAS AK 73-82 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02		20.1		22.0		38.7	12.8		4.6		17.4	921
	03-05	.1	20.7		23.5		40.8	13.4		4.0		17.3	921
	06-08		19.5		25.9		41.1	12.4		3.7		15.7	910
	09-11		20.0		27.1		42.4	11.3	.2	3.8		15.3	919
	12-14	.1	21.6		26.7		43.2	11.3	.1	4.3		15.6	914
	15-17		19.4		27.5		43.1	11.8		5.2		16.8	912
	18-20		19.6		25.8		39.9	11.1		4.7		15.7	924
	21-23		18.8		23.0		38.8	11.3		3.7		15.0	919
TOTALS		.0	20.0		25.2		41.0	11.9	.0	4.3		16.1	7340

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

704540 ADAM NAS AK 73-82 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02		16.0		30.6	.1	43.3	10.4		5.6		16.0	839
	03-05		17.2	.1	35.3		49.2	10.9		4.9		15.8	836
	06-08	.1	15.9	.1	30.0	.1	42.8	9.7		5.0		14.7	836
	09-11		15.8	.1	31.8		43.2	10.5		6.0		16.5	837
	12-14		16.9		27.1		39.5	9.8		5.5		15.2	840
	15-17		15.6		32.1		43.5	12.0		5.4		17.3	833
	18-20		18.8		34.8	.2	49.2	13.5		5.4		18.9	837
	21-23		15.7		33.2		45.3	11.1		5.2		16.2	832
TOTALS		.0	16.5	.0	31.9	.1	44.5	11.0		5.4		16.3	6690

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 4540 ADAM NAS AK 73-82 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02		21.3	.3	34.3	.2	50.2	11.2		4.7		15.9	916
	03-05		20.0		31.6	.2	46.8	10.7		3.9		14.4	919
	06-08		18.0		30.3	.2	43.7	11.5		2.9		14.1	916
	09-11		18.5		29.4	.1	43.2	11.1	.1	3.2		14.1	915
	12-14		17.9		29.1	.2	41.3	9.5		1.9	.1	11.5	917
	15-17		18.3		29.1		41.2	9.7		1.7		11.4	921
	18-20		22.1		29.7		45.6	11.4		3.5		14.8	915
	21-23		23.5		32.5		49.2	10.9		3.2		14.1	914
TOTALS			20.0	.0	30.8	.1	45.2	10.8	.0	3.1	.0	13.8	7333

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 4540
STATION

ADAK NAS AK

STATION NAME

73-82

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		23.9		24.2	.1	43.6	13.7		1.8		15.5	893
	03-05		24.4		25.4	.2	46.3	12.3		1.5		13.8	892
	06-08		21.7		27.1		45.1	15.8		2.0		17.8	892
	09-11		23.3		24.8	.4	44.0	14.4		1.8		16.2	891
	12-14		23.5		19.6	.2	40.6	15.5		.9		16.4	889
	15-17		23.0		19.1	.7	39.3	15.4		.8		16.2	878
	18-20		22.9		23.1	.1	42.8	18.4		.9		19.3	892
	21-23		24.0		23.3		43.9	17.9		1.0		18.9	887
TOTALS			23.3		23.3	.2	43.2	15.4		1.3		16.8	7114

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 4540
STATION

ADAK NAS AK

STATION NAME

73-82

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02		41.3		8.5		45.9	20.9				20.9	923
	03-05		41.6		10.1		48.4	23.6	.1		.3	23.7	918
	06-08	.1	37.1		9.5		43.4	24.3			.3	24.3	918
	09-11		36.4		7.3	.1	41.8	22.0			.3	22.0	917
	12-14		34.4		6.8	.3	38.1	19.8				19.8	918
	15-17		30.8		6.1	.2	34.4	19.6	.2			19.8	917
	18-20		33.3		5.9		36.6	18.9	.1			19.0	921
	21-23		36.5		6.4	.1	40.7	23.2		.1		23.3	923
TOTALS		.0	36.4		7.6	.1	41.2	21.5	.1	.0	.1	21.6	7355

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

754 40 ADIAK NAS AK
STATION

73-82
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02		42.8				42.8	35.3				35.3	894
	03-05		42.6				42.6	39.0				39.0	883
	06-08		39.8		.1		39.8	37.7				37.7	887
	09-11		34.3				34.3	31.4	.1			31.6	884
	12-14		28.9				28.9	22.4	.3			22.7	889
	15-17		28.3				28.3	20.8	.1			20.9	888
	18-20		29.7				29.7	26.4				26.4	898
	21-23		37.7				37.7	34.2				34.2	892
TOTALS			35.5		.0		35.5	30.9	.1			31.0	7115

2

GLOBAL CLIMATOLOG BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

704540

ADAK NAS AK

73-82

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02		42.9				42.9	47.2				47.2	923
	03-05		45.9				45.9	47.0				47.0	921
	06-08		43.1				43.1	51.8				51.8	923
	09-11		35.0				35.0	42.6				42.6	921
	12-14		31.4				31.4	30.2				30.2	914
	15-17		26.9				26.9	29.8				29.8	921
	18-20		31.0				31.0	36.2				36.2	922
	21-23		36.5				36.5	47.0				47.0	919
TOTALS			36.6				36.6	41.5				41.5	7364

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724540 ADAK NAS AK

73-82

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS ILST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02	.1	43.9				43.9	50.1	.2			50.1	923
	03-05		43.6				43.6	49.8				49.8	917
	06-08		41.6				41.6	50.5				50.5	918
	09-11		37.1				37.1	43.4	.2			43.5	921
	12-14		33.5				33.5	36.2	.3			36.4	917
	15-17		35.5				35.5	39.6	.3			39.9	922
	18-20		36.6				36.6	47.0	.5			47.0	927
	21-23		40.6				40.6	51.4	.5			51.5	917
TOTALS		.0	39.1				39.1	46.0	.3			46.1	7359

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 4540 ADAK NAS AK

73-82

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02		30.8				30.8	23.4	.7		.1	24.1	892
	03-05		32.5				32.5	23.2	.5			23.7	883
	06-08		30.9		.1		30.9	27.5	.1			27.6	891
	09-11		29.6			.1	29.6	25.8	.3			26.1	884
	12-14		28.9				28.9	21.4	.3		.2	22.0	888
	15-17		25.2		.1		25.2	23.9	.7			21.6	890
	18-20		27.0		.1		27.1	23.6	.9			24.5	894
	21-23		27.8				27.8	24.6	.7			25.3	893
TOTALS			29.1		.0	.0	29.1	23.8	.5		.0	24.4	7115

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 4540 ADAK NAS AK 73-82 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		30.5		3.7	.4	33.4	16.6				16.6	924
	03-05		32.0		2.3	.4	33.6	15.9				15.9	918
	06-08		32.1		2.9	.1	34.4	18.1				18.1	919
	09-11		29.2		2.6	1.0	31.2	19.7				19.7	920
	12-14		30.0		2.5	1.0	32.1	17.6	.7			18.3	918
	15-17		31.3		2.7	.4	33.6	18.4	1.1			19.3	916
	18-20		29.0	.1	2.9	.5	31.5	17.9	.5			18.5	921
	21-23		26.4		2.8	.7	29.1	16.3				16.3	923
TOTALS			30.0	.0	2.8	.6	32.4	17.6	.3			17.8	7359

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 454C ADAM NAS AK 73-82 NOV
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02		23.4		13.9		34.7	10.2	.3	.6		10.8	893
	03-05		26.1		11.5		34.8	11.5		.8		12.3	893
	06-08	.1	27.3		12.8	.1	36.9	13.4	.1	.8		14.3	896
	09-11		25.9		14.7	.2	35.7	17.0		1.0		18.0	883
	12-14		27.6		13.9	.7	37.8	17.8	.2	.9		18.9	888
	15-17		29.2		14.9	.6	40.3	18.2	.1	1.1		19.4	890
	18-20		24.3		13.2	.3	35.3	13.8		.8		14.6	893
	21-23		24.3		12.2	.3	34.1	11.8	.2	.8		12.7	888
TOTALS		.0	26.0		13.0	.3	36.2	14.2	.1	.9		15.1	7124

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

704540 ADAK NAS AK 73-82 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02		23.5	.1	23.7		42.8	11.9		2.1		14.0	915
	03-05		24.1		24.0	.1	43.3	13.1		2.4		15.5	910
	06-08	.1	23.8		27.7	.2	46.0	12.9		2.9	.1	16.0	921
	09-11		20.2		25.9		41.6	14.1		2.3		16.4	916
	12-14	.1	21.4		26.8	.3	42.3	14.5		2.4		16.9	906
	15-17	.1	21.4		22.0	.1	40.2	16.0		2.8		18.8	898
	18-20		21.8		23.0		40.6	14.2		1.9		16.1	913
	21-23		23.4		24.1	.1	43.7	12.5		2.2		14.6	911
TOTALS		.0	22.5	.0	24.7	.1	42.6	13.7		2.4	.0	16.0	7290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

704540 ADAK NAS AK 73-82 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.0	20.0		25.2		41.0	11.9	.0	4.3		16.1	7340
FEB		.0	10.5	.0	31.9	.1	44.5	11.0		5.4		16.3	6690
MAR			20.0	.0	30.8	.1	45.2	10.8	.0	3.1	.0	13.8	7333
APR			23.3		23.3	.2	43.2	15.4		1.3		16.8	7114
MAY		.0	36.4		7.6	.1	41.2	21.5	.1	.0	.1	21.6	7355
JUN			35.5		.0		35.5	30.9	.1			31.0	7115
JUL			36.6				36.6	41.5				41.5	7364
AUG		.0	39.1				39.1	46.0	.3			46.1	7359
SEP			29.1		.0	.0	29.1	23.8	.		.0	24.4	7115
OCT			30.0	.0	2.8	.6	32.4	17.6	.3			17.8	7359
NOV		.0	26.0		13.4	.3	36.2	14.2	.1	.9		15.1	7124
DEC		.0	22.5	.0	24.7	.1	42.6	13.7		2.4	.0	16.0	7290
TOTALS		.0	27.9	.0	13.3	.1	38.9	21.5	.1	1.5	.0	23.0	96558

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX **WEATHER CONDITIONS** XX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

7 4543 ADAK NAS AK
STATION STATION NAME

46-82
YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS LAST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	.9	56.1	.8	69.7	.3	91.6	25.0	.4	17.5	.5	41.4	1110
FEB		.6	50.9	1.1	78.4	.1	93.3	19.4	.4	20.5		38.2	1010
MAR		.4	57.7	.2	76.3	.1	93.8	25.0	.7	13.4	.2	37.7	1118
APR		.3	69.2	.2	64.6	.2	90.2	32.3	1.7	4.2		37.1	1083
MAY		.2	87.9		27.7	.1	87.4	40.7	1.8	.3	.7	42.2	1139
JUN			88.2		1.3	.1	81.3	58.5	.8		.2	59.0	1106
JUL			90.3				62.9	78.5	.8		.2	79.7	1136
AUG		.3	91.5		.1		84.1	75.6	1.3			75.9	1143
SEP			90.5		.2	.3	83.2	52.2	.8		.5	52.9	1095
OCT		.4	91.7	.2	27.2	.6	90.1	37.2	2.0	.1	.2	38.0	1138
NOV		.8	77.2	.4	58.9	.5	91.5	29.9	1.4	4.6		34.2	1095
DEC		1.1	60.7	.8	71.3	.4	91.7	25.9	.4	14.6	.2	38.9	1115
TOTALS		.4	76.0	.3	39.8	.2	88.4	41.7	1.0	6.3	.2	47.8	13288

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

B

- "1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- "2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/TAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

7-4540 STATION NAME ADIAK IAD AK 44-22 YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	.	15.6	5.7	17.2	13.3	16.4	12.7	7.4	2.6	.4				77.7	1279	6.12	4.45	2.18
FEB	5.	18.1	5.4	17.2	13.5	19.1	12.4	6.4	2.1	.1				76.2	1102	4.79	9.57	1.97
MAR	.	15.8	6.5	19.5	13.3	18.3	12.7	6.7	2.9	.1				60.2	1209	5.71	3.31	1.52
APR	.	21.4	6.9	19.7	11.7	17.5	9.8	4.9	1.7	.2				72.4	1170	4.37	10.17	1.30
MAY	7.7	24.4	7.4	18.6	15.0	14.0	9.0	3.0	1.7	.2				68.4	1209	3.68	16.10	.64
JUN	11.3	35.	6.2	16.2	8.6	10.6	6.2	3.8	1.1	.1				52.6	1170	2.87	9.37	.01
JUL	10.	32.5	7.3	13.1	7.2	11.4	7.4	3.1	1.2					50.7	1209	2.95	6.10	.90
AUG	.4	30.6	6.9	16.0	8.5	11.2	9.3	5.5	2.3					60.8	1209	4.26	9.65	.98
SEP	11.	20.4	6.3	15.9	11.4	15.	9.2	6.3	3.	.3				67.4	1170	5.20	11.30	2.17
OCT	4.5	14.	4.6	16.1	14.8	20.7	12.3	7.7	4.	.2				80.6	1206	6.69	13.25	3.02
NOV	6.	10.3	5.7	14.6	17.7	21.6	14.7	10.8	5.2	.3				85.7	1169	7.91	3.72	2.66
DEC	4.3	15.3	4.1	15.6	13.8	20.5	12.9	6.8	4.5	.3				80.4	1209	7.41	3.58	2.58
ANNUAL	7.0	21.8	6.1	16.6	12.0	16.6	11.6	6.3	2.7	.2				71.1	1024	162.04		

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

7.4540
STATIONADAK NAS AK
STATION NAME

44-22

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
44	.57	1.07	.73	.49	.13	.32	.53	1.61	.86*	1.77*	1.92	1.11	* 1.92
45	.52	.53	.50	1.02	.88	.14	.36	.63	.93	1.13	.92	1.47	1.47
46	.55	.82	.96	1.23	.42	1.28	.43	1.07	1.03	1.33	1.45	1.48	1.48
47	1.91	.53	1.07	.58	.76	.61	.47	1.24	1.47	1.79	1.26	1.97	1.97
48	1.75	2.95	1.69	.31	.68	.21	1.14	1.04	2.27	1.41	1.21	1.60	2.85
49	2.79	2.24	1.29	.97	1.08	.64	1.51	.90	1.15	1.47	1.00	3.19	3.19
50	.65	.88	.58	.95	.70	.74	.41	2.33	3.52	1.29	1.35	2.25	3.52
51	3.10	1.10	1.14	1.54	.95	.37	1.85	.77	1.37	1.40	1.50	2.39	3.10
52	.80	1.29	1.70	.46	1.57	1.96	1.26	.56	1.71	2.13	2.65	.82	2.65
53	3.59	1.52	2.40	1.85	1.24	1.39	.38	2.29	2.62	2.56	2.36	.52	3.59
54	2.00	1.81	3.22	1.02	4.85	1.86	1.01	.96	2.47	1.62	2.08	1.88	4.85
55	2.84	1.95	.98	1.54	1.24	1.00	1.31	.31	.99	3.36	2.24	4.68	4.68
56	.97	1.62	1.69	1.44	1.27	1.90	.90	2.46	2.82	.70	1.73	2.05	2.82
57	2.01	.99	1.04	3.19	2.06	2.52	.22	.70	1.41	1.39	.98	1.22	3.19
58	1.06	.83	1.67	.88	1.14	.52	1.32	.41	2.07	1.94	2.45	2.03	2.45
59	.54	2.25	1.46	1.10	1.12	1.81	.86	1.09	1.92	1.20	.94	.76	2.25
60	1.09	.39	1.03	.29	.61	.53	1.92	.54	.40	.68	.34	1.06	1.92
61	1.15	.81	.43	.68	.36	1.49	1.00	.41	.62	1.15	1.30	.75	1.49
62	2.85	1.13	2.05	.43	.48	.67	.42	.78	.73	1.71	.76	2.26	2.85
63	1.03	.54	1.58	.49	.88	1.24	.38	.32	.97	.78	1.37	4.00	4.00
64	.46	.59	.73	1.06	.39	1.41	.39	.73	2.28	1.13	1.48	1.74	2.28
65	.90	.90	.61	4.76	.82	.58	1.32	.58	.77	1.65	1.06	1.00	4.76
66	.81	1.42	1.09	.76	1.72	.51	.89	1.77	1.47	.55	2.94	.94	2.94
67	1.07	.85	1.34	.68	.26	.44	1.00	2.20	1.47	1.30	2.36	2.03	2.20
68	1.63	1.06	.58	1.03	.42	.86	.59	.45	1.07	1.06	.83	2.44	2.44
69	1.26	.74	.43	1.10	1.33	.44	.26	1.30	1.91	.52	.92	1.01	1.91
70	.84	.57	.65	1.02	.64	.93	.57	.72	.62	.70	1.03	1.41	1.41
71	.90	.33	1.74	1.21	.65	1.23	.65	.51	2.76	2.65	1.54	2.50	2.76
72	.93	.70	.54	.95	.72	.60	.39	1.19	1.34	2.05	1.94	1.37	2.05
73	.59	1.12	1.01	.91	.29	.51	.55	1.14	1.39	1.47	2.22	1.69	2.20
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

2
FEDERAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

4440 AGA NADAK STATION NAME

44-22 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
44	2.52	5.13	1.52	2.47	.74	1.07	2.01	5.73	2.17*	5.24*	9.09	6.08	43.77
45	2.18	2.97	3.53	2.15	1.77	.42	1.77	3.26	3.15	7.19	3.17	4.77	36.25
46	4.7	5.24	4.11	5.00	1.33	2.54	2.36	2.89	3.99	5.64	3.85	6.81	46.56
47	7.78	3.82	3.54	3.91	4.68	1.5	2.09	5.79	3.28	7.46	10.23	9.40	63.35
48	11.36	6.87	7.42	1.93	2.79	1.73	3.34	5.86	7.77	6.56	11.34	7.41	72.98
49	11.29	7.53	9.81	3.83	4.90	3.77	5.27	5.75	6.35	7.2	8.03	12.96	85.99
50	3.95	2.63	3.36	3.39	2.21	2.09	2.44	6.36	8.02	5.03	2.66	7.17	50.31
51	6.43	9.57	4.68	7.18	4.52	2.51	3.53	3.00	2.92	9.54	8.66	11.30	73.84
52	5.23	5.56	7.53	2.87	6.24	9.37	3.43	1.80	4.35	10.14	13.72	2.53	72.84
53	8.93	6.79	9.57	6.89	.31	4.39	.80	5.95	5.49	6.39	12.92	4.56	78.99
54	5.71	7.56	13.31	2.16	16.11	5.62	4.79	4.52	6.99	.20	6.12	13.56	92.66
55	14.45	5.94	4.13	5.69	5.60	3.25	5.11	2.10	5.16	13.25	11.59	11.16	87.42
56	3.93	6.92	11.99	5.03	6.85	4.34	4.36	9.65	10.70	3.81	5.51	9.46	82.57
57	11.1	4.37	6.89	8.69	6.75	6.79	1.23	2.71	5.22	7.08	4.45	8.78	73.44
58	6.71	2.76	8.31	5.22	5.69	3.74	3.77	1.57	7.47	11.22	11.19	9.60	76.55
59	3.13	7.15	7.05	3.8	5.25	3.80	2.50	4.45	7.42	7.15	7.24	4.62	53.68
60	4.35	2.79	2.55	2.31	3.29	1.43	3.07	2.97	2.52	5.31	2.94	3.94	37.37
61	5.74	2.81	2.33	2.26	2.82	2.98	4.86	2.4	4.73	6.85	6.71	4.91	51.40
62	5.35	6.44	9.66	1.70	1.96	4.07	2.27	3.95	2.71	8.09	6.14	5.34	57.54
63	5.3	1.97	8.67	3.79	5.98	3.52	2.17	.9	4.50	6.10	6.78	10.16	59.92
64	4.30	6.10	7.1	6.87	1.12	2.5	2.15	3.68	11.30	5.87	7.12	8.65	46.76
65	4.80	5.67	5.86	10.17	3.05	3.10	3.88	2.39	5.37	6.66	8.18	6.96	66.15
66	5.51	9.21	2.57	4.43	5.76	1.36	2.16	6.72	3.76	3.02	11.65	5.72	51.87
67	7.69	5.05	5.65	4.75	.64	1.61	6.10	5.26	6.01	7.81	9.57	9.64	69.80
68	8.89	3.75	3.67	4.99	1.34	1.91	2.37	2.49	3.10	4.95	6.65	8.09	52.27
69	10.28	5.26	4.28	4.19	3.79	2.04	1.22	4.53	6.77	4.20	7.00	4.16	57.62
70	6.10	3.76	3.39	6.25	1.55	1.92	2.81	4.75	3.07	7.83	4.81	7.26	54.20
71	3.67	2.07	6.92	3.80	2.54	2.90	3.41	2.25	6.81	5.47	10.56	9.70	60.10
72	6.21	2.94	3.43	2.56	.01	3.02	2.36	3.80	7.66	8.71	9.15	8.21	61.77
73	2.71	5.11	6.24	2.75	2.76	2.95	2.74	5.31	7.83	4.60	8.67	8.01	59.64
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

2

FROM DAILY OBSERVATIONS

YEARS

1



USAF ETAC FORM 0-88-9 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM ^{SNOWFALL} DAILY OBSERVATIONS)

7-4540 STATION NAME ADAX NAS AK 46-82 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	2.6	25.1	16.7	17.4	6.6	3.7	2.2	1.0	.3	.1				45.3	1147	19.3	48.1	2.2
FEB	18.3	25.9	20.3	20.7	7.6	3.2	1.0	1.7	.6					55.6	1045	19.8	51.6	.6
MAR	10.9	29.2	20.0	18.0	7.1	3.1	1.7	1.2	.6		.1			51.9	1147	19.5	58.9	.8
APR	1.5	33.3	16.3	12.9	3.8	.7	.6	.5	.2	.1				35.1	1110	9.5	31.2	TRACE
MAY	60.6	21.7	3.9	3.9	.7	.2								8.7	1147	1.8	7.3	.0
JUN	8.7	1.3													1110	TRACE	TRACE	.0
JUL	100.0														1147	.0	.0	.0
AUG	9.9	.1													1147	TRACE	TRACE	.0
SEP	7.7	2.1		.1	.1									.2	1110	.1	2.6	.0
OCT	71.9	20.4	3.7	2.9	.7	.3	.1							7.7	1147	1.7	7.7	TRACE
NOV	30.2	28.3	12.6	11.9	5.6	.9	1.4	1.0	.2					33.5	1110	11.4	30.0	TRACE
DEC	25.1	28.3	13.4	18.7	7.6	3.7	1.4	1.0	.8					46.6	1147	19.0	40.2	2.0
ANNUAL	58.0	18.0	8.9	8.9	3.3	1.3	.5	.5	.2	.0	.0			24.0	13514	10.1		

2
 2
 0
 FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

7 4540
 STATION

ADAK NAS AK

STATION NAME

46-22

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46		2.0	5.0	6.3	4.9	TRACE	.0	.0	.0	.0	TRACE	3.0	2.0	6.3
47		2.0	5.1	.3	2.2	1.0	.0	.0	.0	.0	TRACE	TRACE	.0	8.0
48		7.0	1.7	6.9	TRACE	2.1	.0	.0	.0	TRACE	.7	5.3	2.5	7.0
49		2.7	2.0	6.2	9.1	TRACE	.0	.0	.0	TRACE	TRACE	1.1	3.0	9.1
50		2.2	3.7	1.5	2.8	1.5	.0	.0	.0	.0	TRACE	1.6	1.8	3.7
51		5.7	2.3	1.8	1.6	TRACE	.0	.0	.0	.0	TRACE	.4	2.1	5.7
52		1.0	5.0	17.0	2.7	TRACE	TRACE	.0	.0	.0	TRACE	3.8	2.0	17.0
53		3.3	6.1	9.0	2.2	1.6	.0	.0	.0	.0	TRACE	1.3	4.0	9.0
54		4.5	7.2	2.8	TRACE	.5	.0	.0	.0	.0	.0	4.4	6.7	9.2
55		4.5	4.5	4.3	5.0	1.6	.0	.0	TRACE	.0	1.5	1.1	2.3	5.0
56		1.0	3.4	6.3	7.7	.5	.0	.0	.0	.0	2.7	3.0	3.3	7.7
57		1.0	5.3	3.4	15.4	TRACE	.0	.0	.0	.0	TRACE	2.1	6.2	15.4
58		10.0	3.1	1.7	4.6	.4	.0	.0	.0	.0	1.0	1.7	5.8	10.6
59		1.9	1.8	8.3	1.4	.4	.0	.0	.0	.0	1.0	2.0	5.2	8.3
60		2.2	3.0	7.1	2.4	1.6	.0	.0	.0	.0	1.3	2.9	3.8	7.1
61		4.1	3.6	3.2	.7	TRACE	.0	.0	.0	.0	.0	3.7	6.2	6.2
62		4.6	3.4	5.3	1.8	1.7	.0	.0	.0	1.8	1.5	4.8	5.6	5.6
63		1.0	2.7	5.1	2.0	1.1	TRACE	.0	.0	.0	1.9	1.7	3.6	5.1
64		3.5	5.3	4.3	4.4	1.6	.0	.0	.0	TRACE	3.6	5.8	2.7	5.8
65		2.9	4.6	3.1	2.4	1.4	.0	.0	.0	.0	TRACE	5.8	2.3	5.8
66		2.0	4.3	3.8	2.2	1.3	.0	.0	.0	.0	1.0	.1	6.6	6.6
67		7.0	8.2	3.5	2.0	.0	.0	.0	.0	.0	.5	7.1	5.4	8.2
68		2.7	2.3	4.2	2.5	1.0	.0	.0	.0	TRACE	3.2	4.0	4.4	4.4
69		3.4	6.5	4.0	6.4	3.3	TRACE	.0	.0	.0	.2	4.9	10.1	10.1
70		6.1	5.0	3.4	3.7	TRACE	.0	.0	.0	.0	.1	.9	3.9	6.1
71		2.3	1.7	3.0	2.9	1.0	TRACE	.0	.0	.0	TRACE	1.8	2.7	3.0
72		4.1	.3	2.0	.6	.2	.0	.0	.0	TRACE	TRACE	1.7	8.4	8.4
73		3.3	3.5	3.4	1.6	.7	TRACE	.0	.0	TRACE	2.0	.2	3.3	3.8
74		4.4	6.1	3.0	3.6	.7	TRACE	.0	.0	TRACE	1.0	2.2	7.2	8.1
75		4.6	3.1	9.6	1.1	2.0	TRACE	.0	.0	TRACE	.7	2.2	4.3	9.6
MEAN														
S D														
TOTAL OBS														

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

GLOBAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

EXTREME VALUES

SNO-FALL

FROM DAILY OBSERVATIONS

2-4545
STATION

ADAK MAS AM

STATION NAME

46-22

YEARS

24 HR AMOUNTS IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

2.

1

FROM DAILY OBSERVATIONS

46-22

STATION NAME

YEARS

;

•

USAF ETAC FORM 0-88-3 (OLA)

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION 45-02 ADAX NAS AK STATION NAME 43-43, 52-02 YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-54	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	27.6	16.8	13.5	11.0	7.7	12.5	9.1	2.3						55.6	1054			
FEB	19.7	25.0	11.8	9.8	9.6	11.2	8.6	4.0	.1					55.3	988			
MAR	40.0	25.1	8.8	7.5	6.1	8.1	1.8	1.5	.3					34.1	1085			
APR	71.4	20.2	5.4	1.6	.7	.7								6.4	1050			
MAY	6.3	3.7													1085			
JUN	100.0														1080			
JUL	100.0														1147			
AUG	100.0														1147			
SEP	100.0														1110			
OCT	5.7	3.6	.6	.1										.7	1146			
NOV	66.6	17.2	6.8	3.7	2.2	2.9	.6							16.2	1090			
DEC	37.0	20.9	11.4	7.8	6.9	10.9	4.9	.2						42.1	1116			
ANNUAL	71.7	11.0	4.8	3.5	2.8	3.9	2.1	.7	.7					17.7	13098			

2

SNO. DEPTH

FROM DAILY OBSERVATIONS

43-45, 52-82

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

2

SND. DEPT.

FROM DAILY OBSERVATIONS

43-44, 52-87

YEARS

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

CLIMATE CLIMATOLOGY BRANCH
ETAC
FATHER SERVICE/HAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

4540 ADAM NAYAK STATION NAME

47-82

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
47													
48	SE 60	SE 51	NW 70	SW 47	W 63	*41	S	*42	SW 70	NN 77	72		
49	SE 61	SE 50	SW 70	SE 42	SE 47	SE 31	W 49	SE 52	SW 46	SW 68	*53		
50	SE 60	SE 78	SE 62	SE 55	SE 48	SE 46	SE 50	SE 52	SE 54	SE 78	SE 55	78	W 73
51	SE 60	SE 105	SE 79	SE 52	SE 51	SE 57	SE 64	SE 67	SE 48	SE 95	SE 76	78	SE 105
52	SE 65	SE 65	SE 75	SE 75	SE 52	SE 55	SE 47	SE 58	SE 69	SE 71	SE 80	77	W 50
53	SE 66	SE 66	SE 109	SE 51	SE 70	SE 46	SE 58	SE 52	SE 50	SE 46	SE 67	78	SE 109
54	SE 66	SE 63	SE 80	SE 76	SE 67	SE 58	SE 60	SE 60	SE 65	SE 80	SE 72	76	SE 80
55	SE 66	SE 70	SE 70	SE 70	SE 70	SE 51	SE 44	SE 55	SE 98	SE 60	SE 73	76	SE 98
56	SE 66	SE 57	SE 60	SE 76	SE 48	SE 56	SE 46	SE 34	SE 55	SE 57	SE 55	66	SE 80
57	SE 66	SE 59	SE 69	SE 69	SE 69	SE 54	SE 50	SE 60	SE 65	SE 82	SE 89	64	SE 89
58	SE 66	SE 70	SE 74	SE 69	SE 60	SE 48	SE 59	SE 49	SE 63	SE 67	SE 49	72	SE 60
59	SE 66	SE 71	SE 79	SE 42	SE 34	SE 41	SE 41	SE 49	SE 61	SE 70	SE 85	59	SE 65
60	SE 66	SE 47	SE 60	SE 70	SE 61	SE 42	SE 56	SE 47	SE 53	SE 74	SE 101	55	SE 101
61	SE 66	SE 68	SE 79	SE 50	SE 62	SE 60	SE 27	SE 47	SE 59	SE 55	SE 55	63	SE 70
62	SE 66	SE 47	SE 73	SE 56	SE 54	SE 40	SE 56	SE 41	SE 62	SE 56	SE 54	55	SE 73
63	SE 66	SE 62	SE 59	SE 57	SE 53	SE 56	SE 45	SE 55	SE 55	SE 62	SE 90	51	SE 90
64	SE 66	SE 54	SE 41	SE 40	SE 43	SE 44	SE 49	SE 58	SE 37	SE 85	SE 72	64	SE 65
65	SE 66	SE 74	SE 41	SE 59	SE 37	SE 34	SE 50	SE 47	SE 56	SE 53	SE 53	53	SE 74
66	SE 66	SE 74	SE 55	SE 47	SE 31	SE 35	SE 44	SE 44	SE 67	SE 51	SE 60	54	SE 74
67	SE 66	SE 56	SE 49	SE 48	SE 47	SE 33	SE 32	SE 41	SE 44	SE 60	SE 40	59	SE 66
68	SE 66	SE 72	SE 42	SE 68	SE 49	SE 73	SE 33	SE 32	SE 47	SE 47	SE 69	50	SE 76
69	SE 66	SE 37	SE 46	SE 40	SE 34	SE 43	SE 43	SE 57	SE 44	SE 59	SE 71	52	SE 90
70	SE 66	SE 45	SE 56	SE 56	SE 32	SE 42	SE 37	SE 46	SE 61	SE 51	SE 63	53	SE 64
71	SE 66	SE 39	SE 54	SE 49	SE 42	SE 38	SE 31	SE 40	SE 47	SE 57	SE 47	57	SE 59
72	SE 66	SE 62	SE 51	SE 58	SE 41	SE 32	SE 42	SE 53	SE 61	SE 61	SE 74	54	SE 74
73	SE 66	SE 37	SE 45	SE 39	SE 32	SE 44	SE 52	SE 49	SE 45	SE 66	SE 77	54	SE 66
74	SE 66	SE 54	SE 63	SE 51	SE 50	SE 45	SE 36	SE 41	SE 59	SE 74	SE 76	66	SE 76
75	SE 66	SE 58	SE 58	SE 62	SE 48	SE 41	SE 39	SE 54	SE 76	SE 54	SE 53	60	SE 86
76	SE 66	SE 58	SE 58	SE 62	SE 48	SE 41	SE 39	SE 54	SE 76	SE 54	SE 53	60	SE 86
MEAN													
SD													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

2

SURFACE WINDS

FROM DAILY OBSERVATIONS

47-92

YEARS

1

■

1

1

8 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4547 ADAP NAS AK STATION NAME 73-82 YEARS JAN NORTH
ALL WEATHER CLASS 0000-2200 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.4	2.4	1.5	1.4	.1						7.6	10.3
NNE	.5	2.0	2.1	3.3	1.4	1.5	.5	.2				11.2	14.1
NE	.7	.7	1.1	2.7	.2	1.0	.3					5.9	10.2
ENE		.5	1.6	3.2	1.7	.7	.2					7.9	14.4
E	.3	.9	1.1	2.8	1.2	.8		.1				7.2	13.9
ESE	.3	.7	.4	.8		.1						2.3	9.4
SE	.5	.2	.3	1.1	.2	.1	.2					2.5	13.3
SSE	.4	.5	.8	.9	.3	.2						3.2	10.7
S	.5	.5	1.7	1.5	.6	.5	.3					5.5	15.0
SSW	1.2	.4	.8	1.5	.7	.1		.3				4.8	12.3
SW	.5	.9	.9	2.3	.4	.5		.3				6.0	12.7
WSW	1.2	1.5	1.5	2.2	1.3	.3	.1					8.6	11.6
W	.1	1.3	1.7	1.8	.5	.4	.2					6.2	12.1
WNW	.1	.7	.4	.7	.4	.2						2.6	11.4
NW	.2	.4	1.0	.5								2.2	8.2
NNW	.3	.5	1.3	.7	.1	.2						3.2	10.1
VARBL													
CALM												13.3	
	7.2	13.4	16.5	26.6	10.9	7.3	2.0	1.0				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 920

U.S. AIR FORCE
 U.S. AIR FORCE
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 714540 STATION NAME ADAK NAS AK CLASS ALL-WEATHER CONDITION YEARS 73-82 MONTH JAN NOVS (L.S.T.) 1300-2500

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.1	2.2	2.1	1.7	.4						6.3	11.3
NNE	.5	2.3	2.1	3.0	.9	1.5	1.7					11.4	13.8
NE	.2	.7	1.4	2.5	.7	.4	.4	.1				6.7	14.6
ENE		.7	1.1	2.7	2.1	.5	.3	.1				7.5	15.2
E	.1	.3	2.1	2.3	1.2	1.1						7.1	14.0
ESE	.1	.1	.7	1.0	.3	.1						2.3	12.1
SE	.1	.5	.4	.2	.7	.2						2.2	13.6
SSE	.4	.7	.7	1.4	.8	.1						4.0	11.6
S	.5	1.2	.5	.9	.5	.3	.3					4.6	11.6
SSW	1.1	1.2	1.4	1.3	.8	.5	.1					6.4	10.6
SW	.7	1.5	1.5	1.5	.7	.7	.3	.2				6.5	13.3
WSW	.7	.8	1.0	2.4	.5	.3	.1					5.3	11.5
W	.5	1.1	1.4	2.3	1.1	.9	.3	.2				6.0	13.5
WNW		.7	.4	.8								2.1	9.1
NW	.5	.5	.5	.3	.3	.1						2.1	10.0
NNW	.1	.7	1.0	.5	.2	.3						2.8	11.0
VARBL													
CALM												12.3	
	0.3	14.6	18.4	25.2	11.6	7.7	3.3	.7				120.0	11.1

TOTAL NUMBER OF OBSERVATIONS 920

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74540 ADIAK NAS AK 73-62 JA
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0500-0800
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	1.4	3.2	.4	.0	.1					8.1	11.8
NNE	1.2	1.9	2.1	2.6	1.4	1.3	.0					11.4	13.4
NE	.1	.4	1.3	2.3	1.1	.4	.4	.3				6.5	15.5
ENE	.7	.8	1.4	3.3	2.0	1.1	.3					9.6	14.1
E	.1	.1	1.8	3.6	.7	1.2						7.9	13.4
ESE	.1	.1	.4	.6	.6	.1						2.2	13.0
SE		.7	.2	.3	.1	.2						1.2	13.1
SSE		.4	.7	.9	.8	.1						2.9	13.2
S	.7	1.7	1.2	.9	.3	.1		.1				5.0	6.9
SSW	.0	.7	1.1	1.2	.6	.3	.6	.1				5.1	13.5
SW	.5	.8	1.1	1.5	.8	.8	.4					6.2	13.4
WSW	.3	.0	1.7	1.9	.9	.4		.1				6.2	12.5
W	.0	1.7	1.3	1.9	1.5	.7	.3					7.9	12.7
WNW	.1	.6	.4	1.1	.2							2.8	10.1
NW	.0	.1	.6	.7	.2	.1						2.3	9.9
NNW	.1	.4	.6	1.3	.1	.2	.2					3.0	12.9
VARBL													
CALM												11.9	
	5.0	13.8	17.3	27.6	11.7	8.0	3.3	.7				170.0	11.3

TOTAL NUMBER OF OBSERVATIONS 939

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74540 ADAQ NAS AK STATION NAME 73-82 YEARS JAN NORTH
ALL WEATHER CLASS 0920-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	2.2	2.3	.3	.9	.1	.1				5.2	12.1
NNE	.1	2.2	2.1	2.9	1.1	1.7	.5	.1				11.2	13.5
NE	.1	1.1	1.4	2.1	.7	.3	.5					6.4	13.3
ENE		.7	2.7	2.4	2.6	.9	.1		.1			8.7	15.0
E	.2	.7	2.2	2.0	1.0	.4	.2					6.6	12.7
ESE	.1	.2	1.1	1.4	.5	.4	.1					3.8	13.7
SE	.4	.2	.7	.4	.3	.1						2.2	10.1
SSE	.2	.7	.5	.4	.3	.7						2.8	13.0
S	.3	1.1	1.5	2.5	.4	.1	.1					6.2	11.0
SSW	1.7	1.3	1.1	1.4	.3	.5	.1					6.1	9.8
SW	.1	.4	1.0	1.2	.7	.9	.4					4.7	15.3
WSW	.5	1.5	1.1	1.0	.3	.5	.2	.1				6.5	12.1
W	.5	1.5	1.6	2.7	1.1	.5		.1				8.2	11.9
WNW	.1	.4	1.3	.7	.1	.1						2.9	9.3
NW	.1	1.1	.2	.4		.1						2.3	7.7
NNW		.1	1.7	1.1	.5	.4	.1					3.7	13.1
VARBL													
CALM												9.7	
	5.9	14.8	20.9	25.8	10.8	8.9	2.6	.4	.1			100.3	11.3

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

114540 ADAM NAS AK 73-82 JAN
STATION MONTH
STATION NAME YEARS
ALL WEATHER CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	1.2	2.5	.9	.7	.1					7.2	12.5
NNE	.4	1.0	1.8	3.0	1.6	1.3	.4					10.3	13.4
NE	.7	1.1	1.4	2.1	1.2	1.1	.7					7.9	14.7
ENE	.7	.7	2.1	2.6	1.8	.7		.2	.1			8.4	14.0
E	.4	.6	1.6	2.0	1.3	.9	.2					7.2	13.0
ESE		.7	1.0	1.1	.7	.1	.2					3.4	14.0
SE	.6	.3	.4	.5	.2	.2						1.6	11.5
SSE	.7	.6	.5	.3	.7	.8						3.5	13.0
S	.7	2.0	1.9	2.7	1.0	.2						6.5	10.5
SSW	.7	1.1	1.6	1.1	.5	.8	.4	.1				6.0	13.4
SW	.7	.9	1.6	1.8	.5	.2	.3	.2				6.2	12.5
WSW	.6	1.4	1.6	1.9	1.2	.7	.5					7.9	13.2
W	.6	1.2	1.4	2.4	1.4	.4		.1				7.2	12.9
WNW	.4	.7	.7	.5	.2							2.5	8.3
NW		.1	.7	1.0	.1	.1						2.0	12.9
NNW		.7	1.1	2.2	.7	.2	.1					4.5	13.4
VARBL													
CALM												5.8	
	5.1	15.0	20.7	27.4	14.0	8.2	3.1	.7	.1			100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74540 STATION NAME ADAK NAS AK YEARS 73-80 MONTH JAN
CLASS ALL WEATHER 1500-1700
CONDITION NOVUS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.3	2.5	2.2	.5	.5	.2					7.9	11.3
NNE	.7	1.3	2.2	3.1	1.6	1.9	.5					11.1	14.3
NE	.4	1.0	2.2	2.2	1.5	1.3		.3				9.0	14.2
ENE	.0	.5	1.4	2.4	1.6	.3		.2	.1			6.9	14.4
E	.0	.5	1.8	2.5	1.7	.3	.2					7.4	13.2
ESE	.1	.3	.4	.8	.2							1.9	10.6
SE	.1	.4	.1	.1	.2	.1	.2					1.3	14.3
SSE	.0	.5	.3	.4	.1	.2	.1					2.5	9.7
S	.0	2.1	1.0	2.1	.8	.1						7.6	9.9
SSW	.0	1.2	1.1	.6	.8	.0	.2					5.5	12.4
SW	.0	1.1	1.5	1.4	.8	.4	.4	.7				6.9	14.7
WSW	.4	.5	.8	2.5	1.0	.3	.3	.2				6.6	15.0
W	.0	1.7	1.4	2.4	.9	.4	.2					6.6	12.4
WNW	.0	1.0	.8	.8	.2	.2						3.2	10.2
NW		.3	1.5	1.5	.2							3.1	10.0
NNW	.1	.7	1.6	1.9	.5	.1	.1					5.0	11.6
VARBL													
CALM												7.6	
	6.3	13.0	21.4	26.6	12.1	8.1	2.6	1.4	.1			100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 911

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 STATION 77-80 JAN 1800-2000
STATION NAME YEARS NORTH
ALL WEATHER
CLAS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	2.3	2.0	.9	.6	.3					8.4	12.4
NNE	.7	1.6	3.7	4.0	1.3	1.6	.1					13.2	12.5
NE	.4	.4	1.4	1.5	.4	.9	.6	.1				5.3	14.9
ENE	.7	.7	1.7	2.6	1.8	1.1	.1	.1				7.7	14.9
E	.6	1.1	1.2	2.7	1.8	.5	.3					8.2	13.3
ESE	.1	.1	.5	.4		.1						1.3	10.3
SE	.2	.2	.2	.3	.3	.3	.2					1.3	10.2
SSE			.5	.3	.2	.2	.1					1.7	13.6
S	.6	1.7	1.1	1.2	.4	.2						4.5	10.0
SSW	.7	.5	1.1	.6	.4	.8	.5	.1				4.4	13.2
SW	1.0	.5	1.6	1.5	1.0	1.5	.3	.1				7.6	14.3
WSW	.4	.7	1.3	1.7	.8	.5	.5					5.7	12.4
W	.7	.7	1.8	1.7	1.4	.6						7.0	12.4
WNW	.7	1.1	1.2	.5	.1	.1						3.2	3.4
NW	.1	.4	.9	.6								2.6	8.6
NNW	.4	.7	.8	.9	.6	.2						3.4	11.1
VARBL													
CALM												12.4	
	6.5	11.8	20.6	24.0	11.6	7.1	3.2	.4				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7440 STATION NAME ADAM NALAK 73-82 YEARS JAN MONTH 2100-2300 HOURS (LST.)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	2.7	2.3	.6	.1	.2	.1				3.2	13.5
NNE	.4	2.0	1.6	4.9	2.1	.9	.7					12.4	13.6
NE	.3	.9	.9	2.3	1.0	.4	.4					6.2	13.4
ENE	.1	.3	1.1	3.3	1.2	.3						5.3	13.6
E	.7	1.5	2.1	3.3	1.4	1.0	.4	.2				13.0	14.1
ESE	.1	.3	.6	.4	.2	.1	.1					2.1	11.6
SE	.4	.1	.5	.7	.1	.5						2.2	14.1
SSE	.7	.4	.1	.3	.3	.1	.1	.1				1.8	13.5
S	.3	.9	1.3	1.6	.2	.1	.1	.1				4.8	11.5
SSW	.2	.9	.3	1.0	.9	.9	.1	.1				4.9	13.7
SW	.4	.7	1.1	1.5	.9	.7	.4	.3				6.0	15.2
WSW	1.1	1.6	1.5	2.0	.5	.1	.7					7.5	10.8
W	.4	2.0	1.4	2.3	1.2	.7	.1					8.1	11.8
WNW		1.2	.7	.4	.3	.1						2.7	9.6
NW		.5	.2	.6	.1							1.7	10.7
NNW	.7	.1	1.0	1.3	.7	.3						3.6	10.9
VARBL													
CALM												12.5	
	5.1	14.4	17.3	27.6	11.4	6.3	3.4	1.2				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 919

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74540 STATION ADAP NAK AK STATION NAME 73-82 YEARS JAN MONTH ALL HOURS (L & T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	2.1	2.4	.8	.5	.1	.0				9.5	11.5
NNE	.5	1.9	2.2	3.4	1.4	1.5	.6	.0				11.5	13.5
NE	.4	.	1.4	2.1	.8	.7	.5	.1				6.8	14.2
ENE	.2	.2	1.5	2.7	1.0	.7	.1	.1	.0			7.8	14.5
E	.4	.7	1.7	2.6	1.2	.8	.2	.0				7.7	13.5
ESE	.1	.3	.7	.8	.3	.1	.1					2.4	12.2
SE	.3	.3	.4	.4	.3	.2	.1					1.9	13.2
SSE	.3	.6	.5	.6	.4	.3	.1	.0				2.8	12.2
S	.6	1.3	1.3	1.7	.6	.2	.1	.0				5.8	10.8
SSW	.7	.9	1.1	1.1	.6	.6	.3	.1				5.4	12.5
SW	.5	.8	1.3	1.6	.7	.7	.2					6.3	13.9
WSW	.7	1.1	1.3	2.5	.9	.5	.3	.1				6.8	12.4
W	.4	1.2	1.5	2.2	1.1	.6	.1	.1				7.4	12.5
WNW	.2	.7	.7	.7	.2	.1						2.3	9.5
NW	.1	.1	.7	.7	.1	.1						2.2	9.7
NNW	.2	.5	1.0	1.2	.4	.3	.1					3.7	11.8
VARBL												10.7	
CALM													
	.1	13.9	19.4	26.4	11.9	8.7	2.9	.8	.7			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 7335

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 STATION 73-82 FEB 000-0200
ADAK NAS AK MONTH HOURS (LST)
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.0	2.3	3.2	.4	.7	.7					9.3	12.5
NNE	.4	1.1	2.5	4.1	2.6	1.1	.2					11.6	13.6
NE	.1	.5	1.7	.8	1.1	1.1						4.6	14.7
ENE		.7	1.2	.7	.7	.5	.1					3.3	14.6
E	.1		1.9	2.5	1.1	.9	.1	.1				7.3	13.7
ESE	.4	.2	.6	1.1	.6	.4						3.2	12.6
SE	.1	.7	.7	.6	.7							2.6	11.7
SSE	.1	.4	.8	1.2	.1	.4	.1					3.2	12.0
S	.2	1.0	1.4	1.2	.1	.4	.1					5.6	9.3
SSW	1.2	.6	.6	1.1	.5	.5						4.6	9.9
SW	.6	.2	1.5	1.1	1.0	.4	.2	.7				6.0	15.2
WSW	.6	.7	1.7	2.1	1.2	.5	.1		.2	.1		7.2	14.5
W	1.1	1.2	1.3	1.2	.7	1.0						6.4	11.1
WNW	.4	1.2	2.0	.8	.2	.1						4.3	9.1
NW	.2	.5	1.5	.6	.2							3.1	9.6
NNW	.5	.2	1.1	1.8	.6	.1						4.3	11.9
VARBL													
CALM												14.2	
	7.2	11.2	21.7	24.6	11.7	7.9	1.8	.8	.2	.1		100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 339

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 4540 STATION ADAK NAS AK STATION NAME 73-54 YEARS FEB MONTH
ALL WEATHER CLASS 0300-2500 HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	3.1	2.4	1.2	.7	.7	.1				10.0	12.5
NNE	.5	1.2	2.2	3.3	1.9	1.4	.1					17.5	13.4
NE	.2	.4	.6	1.2	1.3	.9	.1					4.3	14.9
ENE	.2	.5	.8	1.7	1.7	.8	.2					5.3	15.0
E	.4	.7	.6	2.8	1.0	.5	.1					5.7	13.6
ESE		.5	.6	.5	.7	.7		.1				2.8	13.9
SE	.1	.5	1.2	1.3	.1	.1						3.1	11.4
SSE		.1	.7	1.4	.2	.2	.1	.1				3.0	14.9
S	1.2	1.7	1.8	1.3	.2		.2	.1				6.7	9.3
SSW	.7	.7	.6	.4	.5	.1	.2					5.2	10.8
SW	1.0	.5	1.3	1.6	.6	1.0	.5					6.3	13.5
WSW	.5	1.6	1.7	1.3	.6	.4	.5	.1				6.6	12.0
W	.5	1.8	2.8	1.3	1.7	1.3	.1	.1				8.6	11.9
WNW	.1	.7	1.2	.7		.2						3.1	9.5
NW	.4	.4	1.3	1.2	.1		.1					3.5	10.1
NNW	.4	.6	1.2	2.2	.5	.4	.4					5.3	13.0
VARBL													
CALM												12.0	
	6.5	13.5	21.2	24.5	10.4	6.0	3.2	.7				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 836

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 70440 AKAH NAD AK STATION NAME 73-62 YEARS FEB 1953 - FEB 1955 MONTHS 1953-1955 HOURS (LST)

ALL WEATHER CLASS CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.9	3.2	1.2	.7	.4					12.1	12.1
NNE	.1	1.2	2.0	2.4	3.7	1.7						11.3	14.2
NE	.1	.1	.5	1.9	.7	.6	.4					4.9	15.0
ENE	.1	.4	1.1	1.3	1.3	.6	.4					5.1	15.6
E		.1	1.3	1.1	.6	.9	.4	.1				5.1	14.9
ESE		.1	.4	.5	.7		.2					2.3	15.3
SE	.1	.1	.5	1.2	.4	.1						1.4	11.1
SSE	.1	.5	.5	1.6	.2							3.2	11.2
S	.1	1.2	1.7	1.1	.5	.1	.1	.2				5.3	11.1
SSW	1.2	.5	.4	1.0	.4	.5			.1			4.4	11.1
SW	1.0	1.0	1.7	1.2	.7	1.7	.5	.1				6.3	13.8
WSW	.5	1.3	1.5	1.2	1.1	.6	.4					7.2	11.9
W	.1	1.8	2.6	1.7	1.4	.7		.1				9.2	11.3
WNW	.1	.2	.8	1.4	.2							2.9	11.3
NW	.1	.1	.7	.7	.4	.1						2.6	11.1
NNW	.1	1.7	1.7	1.5	.1	.2	.7					5.7	12.6
VARBL													
CALM												10.5	
	7.2	14.4	19.5	23.5	12.9	7.9	3.4	.6	.1			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 435

CLIMATE CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4040 ADAM NAL AK 73-82 FE
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.3	1.0	2.8	1.4	.4	.4	.1				10.4	12.9
NNE	.0	1.4	2.3	2.5	2.7	1.2	.2					10.3	13.0
NE		.1	.7	2.5	.6	.5	.7	.4				5.6	17.9
ENE			1.2	1.9	1.1	.5	.2	.1				5.3	15.6
E	.0	.7	1.3	2.7	.6	.8	.5					6.3	13.8
ESE		.5	.7	.8	.5	.2		.2				3.6	12.3
SE		.5	.5	1.1	.4	.5						3.0	13.2
SSE		1.0	1.6	1.0	.2							3.9	9.5
S	.7	1.0	1.2	.6	.4	.6						5.6	9.5
SSW	.1	1.0	.8	1.1	.5	.5		.1				5.6	10.0
SW	.0	.5	1.2	1.6	.7	.7	.2					5.4	13.4
WSW		.2	1.4	1.3	1.2	.5	.5	.2				7.3	14.6
W	.7	1.1	1.4	2.4	.8	1.1	.4					7.6	13.3
WNW	.4	.4	1.0	1.0	.2							2.9	9.9
NW	.0	.0	.5	.6	.2	.4						2.5	12.0
NNW	.0	.6	.6	1.9	.4	.4	.4					4.5	13.1
VARBL													
CALM												10.2	
	7.0	13.1	15.4	26.3	11.2	9.0	3.6	1.2				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74540 ADAM NAS AK STATION NAME 73-P2 YEARS FEB MONTHS 1200-1400 HOURS (L.S.T.)

ALL EATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.5	2.3	2.6	2.5	.5	.8					1.5	13.9
NNE	.4	1.0	1.0	3.8	1.7	1.4	.1					4.3	14.4
NE	.5	.5	1.2	1.8	1.1	.8	.5					6.3	14.8
ENE			1.2	1.5	1.5	.5	.2					5.5	14.7
E	.7	.7	1.1	2.5	.4	.6	.6	.1				6.7	13.7
ESE	.4	.5	.5	1.2	.4	.5	.1					3.5	13.5
SE			1.2	.6	.4	.4						3.0	12.2
SSE	.2	1.1	2.0	1.4	.4							5.1	9.2
S	.4	2.0	2.4	1.7	.7	.5	.1					7.7	12.3
SSW	.2		1.3	1.0	.6	.2	.2					5.4	12.2
SW	.4	.1	1.0	1.0	.5	.7	.5	.2				5.2	16.5
WSW	.5	.0	1.2	1.5	1.1	.4	.2	.1				5.3	13.0
W	.5	.8	1.5	3.0	2.1	1.1	.1					9.2	13.9
WNW			1.1	1.4	.0	.5	.1					3.9	13.5
NW	.7	.4	.7	.6	.2	.4						2.5	11.5
NNW	.1	.5	1.3	1.5	.5	.2	.2					4.4	13.1
VARBL													
CALM												6.3	
	4.5	12.1	20.8	29.0	14.3	8.7	3.9	.5				120.0	12.5

TOTAL NUMBER OF OBSERVATIONS 640

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4640 ADOAK NA AK STATION NAME 73-92 YEARS FEB NORTH
CLASS ALL WEATHER 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	1.7	2.3	1.9	.8	.6					5.8	14.4
NNE	.4	1.3	1.3	3.2	2.9	1.1	.1					10.1	14.1
NE	.7	1.1	1.3	2.4	1.3	.7	.4	.2				6.2	13.8
ENE	.1	1.1	1.2	1.4	1.1	.4	.1					5.4	12.6
E	.5	.7	1.0	2.3	.5	.6	.5	.1				6.1	13.9
ESE	.5	.5	.4	.9	.5	.1						2.5	11.9
SE	.1	.2	1.7	1.2	.3							4.1	11.6
SSE	.1	.7	1.8	1.6	.5	.1						4.8	10.8
S	.5	1.1	2.0	1.1	.5	.2						5.5	9.7
SSW	.2	1.1	1.4	2.0	.5	.6	.2					6.1	12.4
SW	.1	.5	1.0	1.7	.5	.2	.6	.2				4.9	11.8
WSW		.7	1.3	1.7	.8	.9	.1	.2				5.6	15.1
W	.7	.7	2.5	2.6	1.0	.7	.1	.1				6.0	12.7
WNW	.4	1.1	.4	1.7	.8							4.3	11.1
NW	.1	.5	.8	.7	.5	.5						3.2	13.3
NNW		1.4	1.5	1.1	1.7	.4	.2					5.9	12.1
VARBL													
CALM												6.4	
	4.7	13.9	21.1	27.9	14.9	7.2	3.7	1.0				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 933

U.S. NAVAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74540
 STATION

ADAK IAS AK

STATION NAME

77-82

YEARS

FE
 MONTH

ALL WEATHER

CLASS

1800-2000
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.0	1.4	2.2	1.7	.6	.4	.1				2.5	12.2
NNE	.5	1.2	1.6	3.6	2.5	1.4	.1					1.0	14.1
NE	.7	.2	1.1	1.4	.6	1.4	.2	.2				5.5	16.6
ENE	.2	.5	1.6	1.2	1.7	.4						5.9	12.5
E	.4	.5	1.8	2.9	1.2	.6	.1	.4				7.9	14.4
ESE	.4	.2	.6	1.7	.6	.2						3.7	12.9
SE	.4	.6	.4	1.0	.1	.1						2.5	9.4
SSE	.4	.5	.7	.8	.7	.4						3.5	12.5
S	.7	1.6	1.0	1.1	.4	.2	.1					5.0	9.8
SSW	.5	1.0	1.0	1.0	.6	.2	.1					4.4	10.5
SW	.7	.2	1.6	1.8	.2	.7	.2	.4				5.6	14.9
WSW	.2	.7	.5	1.3	1.7	.7		.1	.1	.1		4.8	15.2
W	1.0	1.3	1.6	2.9	.2	.7	.4					6.2	11.5
WNW	.2	1.1	1.3	1.0	.6	.1						4.3	10.4
NW	.7	1.1	2.2	.6	.1	.1						4.6	7.9
NNW	.4	.7	1.2	2.0	.8	.8						6.0	12.9
VARBL													
CALM												7.4	
	7.9	13.7	19.7	26.3	13.7	8.8	1.7	1.2	.1	.1		100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74540 ADAK NAS AK STATION NAME 73-62 YEARS FEB
MONTH 1999-2000
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.0	2.2	2.5	1.0	.5	.4					9.4	11.0
NNE		1.0	1.4	4.4	2.5	1.3	.2					11.4	14.4
NE	.1	.4	.5	1.1	1.1	.5	.7					4.6	17.1
ENE	.2	.4	1.1	1.1	.6	.4	.2					4.0	13.5
E	.2	.7	1.9	2.3	.5	1.3		.4				7.2	14.4
ESE	.1	.1	1.3	1.1	.4							3.1	10.7
SE		.4	.5	1.6	.2	.2	.1					3.0	13.4
SSE	.2	.1	.7	.7	.8	.5						3.7	12.2
S	.2	1.3	1.8	.6	.4	.4						5.3	9.1
SSW	.4	1.4	1.3	.6	.5	.1						4.3	9.2
SW	.4	.5	1.3	1.6	1.1	.5	.5	.4				6.2	15.3
WSW	1.1	.4	1.4	1.6	.8	.8	.2		.2			6.5	13.9
W	.5	1.3	1.7	2.2	.5	.7						7.2	11.1
WNW	.5	1.0	1.2	1.0	.2	.1						4.0	9.1
NW	.1	.7	1.2	.2	.6	.2						3.1	11.0
NNW	.1	.5	1.4	1.8	.5	.4						4.5	11.9
VARBL		.1										.1	4.0
CALM												12.0	
	6.5	12.6	21.4	24.3	11.7	8.2	2.4	.7	.2			100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 232

GENERAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4542 ADAM NAS AK 73-82 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	2.1	2.8	1.4	.7	.5	.0				9.7	12.7
NNE	.4	1.2	1.8	3.4	2.3	1.3	.1					10.6	13.9
NE	.4	.4	.9	1.6	.9	.6	.4	.1				5.5	15.5
ENE	.7	.7	1.1	1.4	1.1	.5	.2	.0				5.3	14.3
E	.7	.7	1.4	2.3	.7	.8	.3	.1				6.5	14.0
ESE	.7	.4	.6	1.0	.5	.2	.5	.0				3.1	12.8
SE	.1	.7	.8	1.1	.4	.2	.0					2.1	11.8
SSE	.7	.7	1.1	1.2	.4	.2	.0	.0				3.8	11.3
S	.7	1.6	1.7	1.1	.4	.3	.1	.0				6.0	9.7
SSW	.7	1.0	.9	1.1	.5	.4	.1	.0	.0			4.8	10.8
SW	.5	.5	1.3	1.5	.7	.5	.4	.3				5.3	14.7
WSW	.5	.0	1.4	1.5	1.7	.5	.3	.1	.1	.0		6.4	13.8
W	.7	1.3	1.9	2.2	1.0	.9	.1	.0				6.1	12.2
WNW	.3	.7	1.1	1.1	.3	.1	.0					3.8	10.5
NW	.7	.6	1.1	.7	.3	.2	.0					3.2	10.6
NNW	.7	.7	1.3	1.8	.5	.4	.2					5.1	12.6
VARBL		.0										.0	4.0
CALM												9.5	
	6.4	13.2	20.5	25.8	12.5	6.2	2.9	.8	.1	.0		120.0	11.6

TOTAL NUMBER OF OBSERVATIONS 6689

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 4545 ADAK NAS AK 73-82 4A2
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	.4	1.1	1.0	1.6	1.7	.9	.2					8.2	13.5
NNE	.7	1.1	1.5	2.7	.4	.7	.1					7.4	12.1
NE	.1	.3	1.7	1.5	.8	.5	.3	.1				4.7	15.5
ENE	.4	.3	.8	1.2	.7	.5	.1					3.9	13.9
E	.5	.5	1.5	2.3	.3	.2						5.1	11.5
ESE		.4	.7	1.7	.4							2.4	12.2
SE		.7	.3	.4	.7	.2						2.0	14.0
SSE	.1	.1	.5	.8	.5	.4	.1					2.6	14.9
S	1.2	1.1	1.9	1.9	1.3	.4	.2					7.8	11.6
SSW	.7	1.2	2.1	2.0	.4		.8	.3	.2			7.7	13.6
SW	.2	.7	1.6	3.0	2.0	1.4	.0	.7				10.3	17.1
WSW	1.0	.0	1.5	2.7	2.0	2.1	.4	.2				10.8	15.5
W	.7	.3	2.0	2.4	1.3	1.4	.8	.1				9.0	15.6
WNW	.3	.3	.9	.4	.5	.7	.4					3.6	15.6
NW	.5	.5	.8	1.0	.2	.2						3.3	13.1
NNW	.4	.7	1.5	.9	1.0	1.1	.1	.1				5.7	14.6
VARBL													
CALM												7.5	
	6.4	9.8	19.6	25.8	13.9	10.8	4.4	1.5	.2			100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

744540
STATION

ADAK NAS, AK
STATION NAME

73-82
YEARS

W A -
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	1.2	2.4	1.6	.7	.3					7.8	13.4
NNE	1.1	1.4	1.4	2.5	.9	.8	.3	.3				8.7	12.7
NE	.4	.1	.7	1.3	.4	.3	.1					3.4	13.6
ENE		.1	.3	1.1	1.2	.3						3.5	17.4
E		.5	1.2	1.7	.7	.3						4.8	11.9
ESE	.1	.4	.7	1.2	.2							2.6	10.6
SE	.1	.2	.7	.2	.5	.4	.1					2.3	14.9
SSE	.1	.4	1.1	.9	.2		.1					2.9	11.0
S	1.0	.4	1.3	1.4	.7	.3	.1					5.2	11.4
SSW	.7	.3	.9	1.6	1.3	.2	.5	.2				5.8	15.0
SW	.5	.5	1.6	4.8	3.0	1.1	1.2	.3	.1			13.2	16.7
WSW	.4	.7	.8	3.4	2.4	1.4	.5					9.6	15.9
W	.5	.9	1.4	3.0	1.4	2.1	.5					9.9	15.6
WNW	.1	.9	1.2	1.4	1.7	.7	.2					5.4	13.5
NW	.7	.5	1.1	.3	.3	.3		.1				2.9	11.9
NNW		.4	.9	.4	.3	.9	.4					3.4	16.3
VARBL													
CALM												8.7	
	5.3	8.9	16.2	27.7	16.2	17.2	4.6	1.9	.1			100.0	13.1

TOTAL NUMBER OF OBSERVATIONS

919

FEDERAL CLIMATOLOGY BRANCH
AF LTAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

71454 STATION A0AK NAS AK 73-82 YEARS MAP NORTH
STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 6600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.3	2.4	2.2	1.3	.1	.1					8.2	10.9
NNE	.3	1.3	2.4	2.6	.5	.9	.5	.4				6.6	14.3
NE	.7	.6	.3	1.2	.3	1.0						3.5	14.9
ENE	.3	.5	1.0	1.4	.4	.7						4.4	12.5
E		.7	1.2	1.1	.7	.4						3.6	14.0
ESE	.1	.4	.4	.7	.5	.1						2.3	12.4
SE			.7	.7	.2		.1					1.5	13.6
SSE	.1	.2	1.2	.6	.0	.3						3.1	12.1
S	.5	.9	1.6	1.9	1.2	.2						6.3	11.4
SSW	.5	.5	1.1	4.3	1.2	.8	.2					8.6	13.9
SW	.7	.5	1.3	4.4	1.0	1.4	.3					10.9	15.2
WSW	.7	.7	1.2	2.3	2.2	1.4	.5	.1				9.1	15.7
W	.5	1.3	1.4	2.2	1.8	1.2	.1	.3				6.9	14.3
WNW	.2	.9	1.1	1.5	1.0	.1	.1					4.9	11.7
NW	.2	.5	1.1	1.2	.3	.3						3.7	11.1
NNW	.1	.5	.8	1.5	.7	.2	.5					4.4	14.6
VARBL													
CALM												7.8	
	6.3	11.5	18.8	29.9	14.7	9.2	3.1	.9				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 914

CENTRAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 STATION ADAM NAS AK 73-82 YEARS MONTH 0000-1100
STATION NAME CLASS ALL WEATHER HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.3	1.3	2.6	1.3	.4	.1					7.1	12.9
NNE		.6	1.5	2.7	1.4	.3	.2					7.7	14.1
NE	.4	.7	.4	1.7	.5	.7	.3					4.4	13.1
ENE	.2	.7	.5	1.7	.8	.5						4.5	13.1
E	.1	.4	1.2	2.1	.2	.2	.1					4.4	12.4
ESE		.1	.5	1.0	.3							2.0	12.6
SE	.1	.1	.5	1.4	.9							3.3	12.6
SSE	.3	.3	1.1	.8	.2	.1	.2					3.0	12.0
S	.3	.6	1.5	3.4	1.1	.4		.1				7.8	12.9
SSW	.2	.5	2.1	1.7	2.0	.2	.3	.1				7.2	13.7
SW	.5	.4	1.3	3.6	1.7	2.1	.8	.2				10.7	16.5
WSW	.9	1.6	1.5	2.8	2.0	2.6	.1	.1				11.7	14.7
W	.7	.5	2.1	2.3	1.2	.5	.5	.1				7.9	13.5
WNW	.1	.3	.5	1.3	.5	.1	.1					3.5	11.9
NW	.1	.3	1.3	2.1	.1	.1	.1					4.4	12.0
NNW		.4	1.1	2.0	1.2	.4	.2					5.4	14.4
VARBL													
CALM												5.4	
	4.4	6.7	19.0	33.3	15.5	8.9	3.2	.7				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

704540 ADAM NAC AK 73-52 4A7
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	1.7	2.7	.7	.7	.2					6.3	13.5
NNE	.1	.	1.7	2.9	1.5	.4	.1					7.5	13.5
NE	.7	.2	.7	2.1	.5	.2	.2					4.3	13.5
ENE	.7	.7	1.7	2.7	.9	.2	.1					5.8	12.6
E	.1	.7	1.4	2.6	.7		.1					5.5	12.4
ESE	.2	.3	.5	.9		.1	.1					2.2	13.8
SE	.7	.3	.3	1.7	.1	.2						2.2	12.1
SSE		.	1.2	.7	.9	.3						3.3	13.6
S	.2	.7	1.9	2.4	1.4	.3	.3	.1				7.3	13.8
SSW		.7	1.9	3.2	2.1	.9	.2	.1				8.5	15.2
SW	.2	.7	1.3	3.8	2.3	1.3	.5	.1				10.3	15.7
WSW	.7	.7	1.5	3.6	2.7	2.1	.5	.2				11.2	17.1
W	.4	.3	2.3	2.5	1.4	1.6	.3					9.0	14.7
WNW	.1	.7	.8	1.4	.7	.7						4.5	13.6
NW	.4	1.3	.7	1.9	.5	.4	.1					5.3	11.6
NNW	.1	.7	.8	1.7	1.4	.2	.1					5.0	13.9
VARBL													
CALM												1.9	
	3.3	6.0	19.8	36.1	17.7	9.7	3.1	.5				100.0	13.9

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
NAFLETC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74540 STATION ADAN NAS AK 77-82 YEARS 47 NORTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.0	3.4	.7	1.3						7.5	13.2
NNE	.5	.5	1.3	2.6	1.1	.9	.3					6.7	15.1
NE	.0	.5	.4	2.2	.8	1.7	.1					5.2	15.0
ENE		.3	1.1	1.6	1.0	.5	.1					5.1	13.8
E	.1	.0	.8	2.3	.4	.1						4.5	11.6
ESE	.1	.0	.5	1.3	.5							3.2	11.4
SE		.4	1.1	.7	.3			.2				2.7	12.6
SSE	.1	.7	1.3	1.4	.8	.7	.3					5.2	14.0
S	.2	1.7	2.8	2.7	.8	.3	.4					5.3	12.5
SSW	.2	.7	.5	2.2	1.3	1.1	.4	.1				6.1	17.1
SW	.1	.4	1.5	3.3	2.6	1.2	.5	.1				9.8	16.2
WSW	.1	.7	1.2	4.6	1.6	1.7	.7	.4				11.0	16.9
W		.4	2.9	3.1	1.1	1.2	.8	.1	.1			9.8	15.4
WNW		1.7	1.2	.8	.2	.1	.4					4.0	11.8
NW	.1	.0	1.5	.9	.3	.1	.1	.1				4.0	11.3
NNW	.3	.7	1.0	2.0	1.6	.3						5.9	13.1
VARBL													
CALM												1.1	
	2.3	10.5	20.2	34.9	15.1	10.5	4.2	1.1	.1			100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 STATION 73-82 ADAM NAS AK CLASS ALL WEATHER CONDITION

MAC NORTH 1500-2000 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	.9	2.2	1.4	1.3						7.9	10.3
NNE	.4	.7	1.7	2.3	.7	.7	.2					6.7	12.9
NE	.1	.1	.7	2.7	1.4	.9	.2					4.9	15.6
ENE	.4	.2	.4	1.5	1.1	1.0						4.7	14.8
E	.2	.7	1.3	2.1	.8	.3						5.4	12.6
ESE		.3	.3	1.7	.2	.1						2.7	15.2
SE	.1	.5	.3	.6	.3	.2						2.7	11.7
SSE	.3	1.5	1.3	.8	1.1	.2	.2	.1				5.5	12.7
S	.2	1.7	2.2	1.5	.5	.7	.4	.1				7.5	12.3
SSW	.1	.7	1.3	3.2	1.2	.5	.5		.1			7.5	15.0
SW	.5	1.0	1.6	2.8	1.6	1.5	1.7	.1				11.3	15.7
WSW	1.3	.5	1.2	3.1	1.5	1.0	.5	.2	.1			8.2	15.2
W	.5	1.3	1.7	2.3	1.3	1.5	.5	.1	.1	.1		9.6	15.2
WNW	.4	1.1	1.0	.8	.5	.3		.1				5.1	15.8
NW	.5	1.0	1.0	1.3	.1	.1						4.5	9.0
NNW	.5	.7	1.7	1.9	.5	.9						5.2	13.2
VARBL													
CALM												3.2	
	0.4	12.5	18.9	20.9	14.4	10.3	3.7	.8	.3	.1		100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

704540 STATION 73-82 MONTH 1973-1974
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	.5	2.0	1.5	.8	.2					6.9	11.9
NNE		.5	1.5	2.5	.7	.7						5.1	13.1
NE	.7	.4	1.2	1.3	1.0	.3	.1					4.5	13.3
ENE	.7	.2	.8	1.4	1.3	.7	.3					5.3	15.4
E	.2	.9	1.7	2.3	1.0		.2	.1				5.7	12.5
ESE		.1	.7	1.2	.1	.1						2.1	13.0
SE		.5	.5	.3	.5							2.2	10.8
SSE	.2	1.7	1.0	1.1	.4	.3	.1					4.2	11.6
S	.9	1.6	1.8	1.2	.4	.7	.4					7.0	11.2
SSW	1.1	1.1	2.4	2.2	.9	.7	.3	.1	.1			5.8	12.3
SW	.7	.9	2.7	3.5	1.9	1.6	.8	.2	.3			11.8	15.8
WSW	.7	.9	.9	1.1	1.4	1.4	.5		.7			7.4	16.3
W	.9	1.3	1.8	2.7	1.4	1.5	.3					10.0	13.5
WNW	.5	1.1	1.8	1.0	.9	.2	.2					5.7	11.0
NW	.2	.7	.8	.4	.2							2.4	5.4
NNW		.7	1.0	1.6	.5	1.0	.1					4.6	15.0
VARBL													
CALM												5.6	
	6.7	13.5	19.4	25.9	14.1	17.0	3.7	.4	.2			100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 914

CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ATAK NAS AK STATION NAME 72-8 YEARS MAC
 CLASS ALL WEATHER MONTH ALL
 CONDITION ALL
 HOURS (L.S.T.) ALL

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	1.3	2.4	1.2	.2	.2					7.3	13.1
NNE	.3	.4	1.6	3.6	.9	.7	.2	.1				7.4	13.5
NE	.1	.4	.7	1.7	.7	.7	.2	.0				4.4	14.4
ENE	.1	.4	.7	1.6	.0	.6	.1					4.5	14.1
E	.1	.1	1.2	3.1	.6	.7	.1	.0				4.9	12.3
ESE	.1	.3	.6	1.7	.7	.1	.0					2.3	11.0
SE	.1	.4	.7	.7	.7	.1	.0	.0				2.4	12.7
SSE	.1	.3	1.1	.6	.7	.7	.1	.0				3.6	12.8
S	.1	.6	1.0	2.1	.9	.4	.2	.0				7.1	12.2
SSW	.4	.5	1.6	3.5	1.3	.6	.4	.1	.1			7.5	14.3
SW	.4	.6	1.6	3.6	2.1	1.6	.8	.2	.1			10.9	16.1
WSW	.7	.6	1.2	2.8	2.7	1.7	.6	.2	.1			9.9	15.9
W	.5	.0	2.0	2.6	1.4	1.4	.5	.1	.1	.0		9.2	14.7
WNW	.2	.1	1.2	1.1	.7	.4	.2	.0				4.6	12.4
NW	.3	.0	1.0	1.1	.7	.2	.7	.0				3.6	10.8
NNW	.1	.1	1.0	1.6	.0	.6	.0	.0				4.9	14.3
VARBL													
CALM												5.1	
	5.1	1.4	19.0	30.3	15.2	17.0	3.7	.9	.2	.0		100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 7129

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 4540 STATION ADAQ NAS AK STATION NAME 73-82 YEARS APP NORTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.6	2.1	1.6	.2	.7	.1					7.2	10.1
NNE	.2	.4	1.2	1.0	1.3	.3	.4					5.0	14.5
NE	.1	.1	.9	.8	.1							2.5	9.5
ENE	.1	.2	.7	.6	.7							2.2	12.1
E	.4	1.0	.8	.6	.1	.1						3.2	8.3
ESE	.3		.7	1.5	.3	.2						2.7	13.1
SE	.1	.7	.4	.9		.1						2.2	10.1
SSE	.5	.6	.2	1.2	.7	.2	.1					3.6	12.5
S	.6	1.1	1.5	2.0	.9	.3	.3					6.6	12.2
SSW	.3	.9	.9	1.9	1.0	1.0						6.0	13.2
SW	.6	1.1	2.7	3.9	2.4	1.3	.4	.3				12.8	14.5
WSW	.4	1.0	1.8	3.2	1.9	1.1	.1					9.6	13.7
W	1.0	1.6	2.7	2.8	.6	.9	.1	.3				10.0	11.9
WNW	.6	1.5	1.2	2.0	.6	.3			.3			6.5	12.4
NW	.4	.9	1.7	1.7	.2	.3	.4					5.7	11.8
NNW	.7	.6	1.6	1.3	.9	.2	.2					5.2	12.8
VARBL													
CALM												9.2	
	7.1	12.7	20.7	27.0	11.8	7.3	2.4	.7	.3			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7.4540 STATION 73-82 APZ
STATION NAME YEARS MONTH
ALL WEATHER CLASS 0300-0500
CONDITION HOURS (L.E.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.9	3.3	1.1	1.1	.8	.2					9.2	11.7
NNE	.4	1.9	1.3	1.7	.7	.2						5.6	9.8
NE		.4	.6	.6	.2	.1						1.9	11.7
ENE		.9	.6	1.7	.1	.2						2.8	10.7
E	.1	.9	.3	1.7	.1		.1					3.6	9.8
ESE	.1	.2	.4	.2	.1							1.1	9.4
SE	.2	.3	.2	.8	.4	.2	.1					2.4	13.6
SSE	.1	.5	.4	1.1	.2	.2	.2					2.9	13.5
S	.9	.7	1.5	2.1	.6	.3	.2	.1				6.4	12.2
SSW	.7	.7	.9	1.7	.7	.3						4.4	11.8
SW	.6	1.5	2.9	4.3	2.5	1.9	.7	.2				14.5	14.6
WSW	.5	.7	1.5	3.0	2.0	1.0						9.1	13.3
W	.7	1.8	2.1	2.7	.8	.8	.2	.2				9.3	12.3
WNW	.2	1.1	1.5	2.7	.3	.3	.3	.5				6.4	14.2
NW		1.0	1.1	.7	1.5	.4	.1					4.8	13.2
NNW	.7	1.3	2.1	1.9	.7							6.3	11.2
VARBL													
CALM												9.3	
	5.7	15.9	21.8	25.0	12.0	7.0	2.2	1.1				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540
STATION

ADAK NAS AK
STATION NAME

77-82
YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.1	2.6	2.4	1.3	.7	.4					1.43	11.8
NNE	.7	1.6	1.8	1.2	.2	.1						4.2	9.2
NE	.1	.6	.7	.6	.4							2.4	10.2
ENE	.4	.4	1.1	.7	.2	.1						3.0	9.3
E	.2	.4	1.1	1.9	.2	.1						4.2	12.4
ESE		.7	.3	.6	.1							1.7	9.5
SE	.2	.2	.2	.6	.4	.1						1.8	12.2
SSE	.2	.4	.7	1.0	.1	.1		.1	.2			2.9	14.3
S	.8	1.2	2.1	1.6	1.0	.3	.6	.1				7.6	12.5
SSW	.6	.2	1.6	1.8	1.5	.3	.6					6.5	14.4
SW	.4	.9	1.8	2.8	2.2	1.8	.3		.1			12.4	15.1
WSW	.6	1.6	2.0	2.8	2.4	.9	.9	.2				11.3	14.3
W	.2	1.7	2.2	1.9	1.3	1.2	.1					8.9	13.2
WNW	.1	.9	1.2	2.0	.6	.4	.1	.4	.1			5.2	15.2
NW	.2	.6	1.1	2.1	.8	.2						2.3	11.8
NNW	.1	.6	1.3	1.8	.8	.2	.2					5.1	13.2
VARBL													
CALM												5.1	
	5.7	14.4	21.2	25.7	13.7	6.7	3.3	.8	.4			100.7	11.5

TOTAL NUMBER OF OBSERVATIONS

891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 4540 STATION ADAM NAS AK 73-82 APP MONTH 0900-1100
STATION NAME YEARS HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.7	2.6	2.8	1.7	1.2	.1					10.0	11.7
NNE	.3	.2	.7	1.8	.6	.1						4.3	11.5
NE	.2	.1	1.5	.7	.3							2.8	10.6
ENE	.2	.3	2.1	.9	.2							4.3	10.7
E	.1	.5	1.0	1.0	.1							3.0	9.7
ESE	.3	.2	.1	.7	.2	.1						2.2	9.1
SE	.1	.4	1.7	1.6	.4							3.7	10.0
SSE	.2	.7	1.7	1.6	.1			.1				4.4	10.8
S	.1	1.1	1.6	1.0	.2	.6	.1	.1				6.8	12.6
SSW	.1	.2	1.2	1.5	1.1	.6	.2	.1				5.1	15.0
SW	.2	.3	1.1	3.5	1.8	2.0	.6	.1	.1			9.8	17.2
WSW		1.2	1.7	4.6	3.0	2.0						12.6	14.9
W	.6	1.5	2.5	4.5	2.7	1.0	.4					12.5	13.4
WNW	.7		.7	2.1	.8	.3	.1	.4				5.2	15.5
NW	.2	.3	.9	1.2	.4	.9	.1					4.3	14.1
NNW	.1	.6	2.1	2.4	.9	.6	.7					7.1	13.0
VARBL													
CALM												2.4	
	4.5	11.1	23.1	33.2	13.4	9.4	1.9	.9	.1			100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

704540 ADAM NAS AK 73-82 APR 1277-1477
STATION MONTH YEARS
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.5	3.4	3.3	1.3	.2						9.9	11.3
NNE	.1	.4	1.5	2.1	.9	.3						5.4	12.7
NE	.3	.3	1.0	1.0	.8							3.5	11.3
ENE	.1	.2	2.0	1.5	.4	.1						4.4	11.3
E	.4	1.6	1.6	.3	.2	.1						4.3	7.9
ESE		.1	.6	.8								1.5	9.8
SE	.1	.6	.9	.9	.2							2.7	12.6
SSE	.1	.7	1.8	1.7	.7	.2	.1					4.6	11.9
S	.1	.7	1.9	3.1	.8	.2		.1				7.2	12.4
SSW		.6	1.3	1.8	1.2	.9	.3	.1				6.3	15.6
SW		.2	.7	2.6	2.5	1.6	.7	.2	.1			8.8	16.8
WSW	.1	.2	1.3	2.9	3.4	1.8	.3					10.1	16.7
W	.6	1.6	3.1	5.2	2.5	1.0	.6	.1				14.6	13.8
WNW		.6	1.5	2.2	.9	.3	.1	.2				5.8	14.2
NW		.1	1.2	1.1	.4	.4		.1				3.5	14.5
NNW	.1	.4	1.3	2.1	1.7	.7	.2					6.6	14.9
VARBL		.1										.1	6.0
CALM												.9	
	2.4	9.9	25.2	32.3	18.0	6.7	2.4	.9	.1			172.0	13.5

TOTAL NUMBER OF OBSERVATIONS 689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-4540 STATION 73-92 AP-
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	3.8	4.4	1.0	.5	.1					10.4	12.3
NNE	.1	.1	1.1	2.5	.6	.6	.1					5.1	13.9
NE	.3	1.0	.7	.9	.7	.1						3.8	10.3
ENE	.2	1.3	1.3	1.5	.2	.1						4.6	9.2
E	.5	1.4	1.1	1.1	.3							4.6	6.7
ESE	.1	.6	1.4	.7	.1							2.9	6.6
SE		.3	.7	1.3	.3	.1						2.7	12.3
SSE		.5	1.7	1.4	.7	.2						4.4	12.2
S	.2	.1	2.2	2.3	1.3	.6	.1					6.7	13.5
SSW	.1		.9	1.6	.9	.7	.2		.1			4.6	16.4
SW		.5	.6	5.1	2.5	1.3	.5					10.4	16.2
WSW	.1	.2	1.1	3.3	3.4	1.3	.3	.3				10.1	17.3
W		.6	2.4	4.7	1.8	.7	.6					11.1	13.6
WNW		1.7	1.6	3.8	.6	.3	.2	.2		.2	.1	8.1	15.0
NW		.5	1.0	1.3	.6	.5	.2					4.0	14.1
NNW		.5	1.4	2.1	1.4	.5	.1	.2				6.0	14.7
VARBL													
CALM												.5	
	1.8	9.4	22.9	37.9	16.4	7.3	2.5	.8	.1	.2	.1	100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 ADAX NAS AK 73-82 APF
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1977-2000
YEARS (L.B.Y.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	2.8	3.1	1.0	.4						8.9	11.7
NNE	1.7	.6	1.7	2.1	1.1	.3	.1	.2				7.2	12.3
NE	.7	.4	1.1	.8	.2		.1					2.9	10.6
ENE	.4	.4	1.2	.4	.1	.2						3.3	9.2
E	.5	.6	1.2	1.6	.2							4.1	9.6
ESE	.2	.7	.6	.6	.1	.1						2.4	9.0
SE	.1	.6	1.0	.9	.7	.1						3.4	11.6
SSE		.6	1.1	1.0	.4	.3						3.5	12.4
S	.1	.7	2.7	2.1	1.1	.6						7.3	12.4
SSW	.2	.7	1.8	1.3	1.2	.3	.2	.2				6.1	14.0
SW	.1	.6	1.9	3.3	1.2	.9		.1				8.1	13.9
WSW	.2	.9	2.4	4.1	1.9	1.2	.2					10.2	13.9
W	.2	1.3	3.0	4.0	1.3	1.0	.6	.2		.1		11.9	13.9
WNW	.2	1.1	1.0	2.9	.6	.3	.4			.2		6.3	14.3
NW	.2	.4	1.7	1.5	.2	.1	.1					4.3	11.2
NNW	.2	.7	1.5	1.0	.9	.8	.2	.1				6.5	13.7
VARBL													
CALM												2.7	
	4.6	11.8	26.7	31.7	12.4	6.8	2.0	.9		.1	.2	100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 STATION ADAQ NAS AK STATION NAME 73-82 YEARS APR NORTH
ALL WEATHER CLASS 2120-2300 HOUSE (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.9	2.1	1.6	.3	.3	.2	.1				6.7	11.1
NNE	.8	1.5	1.5	2.0	.6	.3	.5					7.1	11.5
NE	.1	.3	.3	.9	.7	.1						2.0	11.7
ENE		.9	1.0	.9	.1	.2						3.2	10.4
E	.3	.7	.2	.9	.7							3.0	10.6
ESE	.5	.6	.8	1.4	.1							3.2	9.5
SE		.3	.2	1.2	.6	.2	.1					2.7	14.2
SSE	.7	.3	.8	.8	.3	.5	.2	.1				3.4	14.7
S	.3	1.7	2.0	1.9	.9	.7						7.6	11.3
SSW	.3	.6	1.7	1.6	.7	.6	.2	.1				5.7	13.1
SW	.8	.8	3.6	3.2	1.0	1.1		.2				10.7	12.6
WSW	1.1	1.1	2.5	3.4	2.0	1.0	.9	.1				12.1	13.7
W	.7	1.0	1.1	1.9	.8	.8	.3		.3			7.0	14.4
WNW	.5	.8	2.1	2.1	.6	.5			.2			6.8	12.4
NW	.6	1.0	1.0	2.0	.8	.2	.2	.1				6.0	12.3
NNW	.9	.8	2.3	2.0	.7	.5						7.1	11.1
VARBL													
CALM												5.9	
	8.1	17.4	23.3	27.8	10.4	7.1	2.6	.8	.6			100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 587

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74540
STATION

ADAK NAS AK

STATION NAME

73-82

YEARS

APZ

MONTH

ALL WEATHER

CLASS

ALL

HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	2.8	2.5	.9	.6	.2	.0				9.1	11.4
NNE	.5	.7	1.3	1.7	.7	.3	.1	.0				5.6	11.9
NE	.7	.5	.8	.8	.4	.0	.0					2.7	10.7
ENE	.7	.6	1.3	.9	.7	.2						3.4	10.3
E	.4	.9	1.1	1.1	.3	.7	.0					3.7	9.4
ESE	.2	.5	.6	.8	.1	.1						2.2	9.8
SE	.1	.4	.7	.9	.4	.1	.0					2.7	11.7
SSE	.2	.5	1.1	1.1	.4	.2	.1	.0	.0			3.7	12.6
S	.4	.9	1.9	2.3	.8	.5	.2	.0				7.0	12.3
SSW	.3	.5	1.3	1.6	1.0	.6	.2	.1	.0			5.6	14.2
SW	.3	.7	1.9	3.6	2.7	1.5	.4	.2	.0			10.7	15.3
WSW	.4	.9	1.8	3.4	2.5	1.3	.3	.1				10.7	14.7
W	.5	1.4	2.4	3.5	1.4	.9	.4	.1	.0	.0		10.6	14.3
WNW	.3	.9	1.4	2.4	.6	.4	.2	.2	.1	.0	.0	6.4	14.1
NW	.2	.6	1.2	1.4	.6	.4	.2	.0				4.7	12.7
NNW	.3	.7	1.7	1.9	1.0	.4	.2	.0				6.2	12.9
VARBL		.0										.0	6.0
CALM												4.9	
	5.0	12.4	23.1	30.1	13.5	7.5	2.4	.9	.2	.7	.0	100.0	12.3

TOTAL NUMBER OF OBSERVATIONS

7111

CELESTIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74540
STATION

ADAK NAS AF
STATION NAME

73-82
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-2400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.1	3.4	2.8	3.7	.8	.3	.1					13.1	9.0
NNE	.7	1.1	1.4	1.7	.2	.4	.1					5.6	10.5
NE	.7	.4	.8	.5	.1	.2						2.5	9.0
ENE	.3	.3	.8	.5	.7	.1						3.1	10.5
E	.1	.7	.5	.9	.2							2.6	9.4
ESE	.7	.5	.3	.2								1.4	6.9
SE	.4	.4	1.0	.4			.1					2.4	8.2
SSE	.7	.9	.3	.9	.2		.1					3.0	8.8
S	.7	1.4	1.7	.7	.2							4.7	7.8
SSW	.2	.7	.8	1.3	.4		.3	.1				3.3	13.0
SW	1.1	1.3	2.2	1.7	1.3	.5	.2					8.4	11.2
WSW	1.2	.7	2.1	4.0	1.3	.9	.7	.1				11.1	13.6
W	1.2	1.3	4.0	4.8	1.3	1.0	.2	.4				14.2	12.3
WNW	.4	1.7	.7	1.4	.2	.2	.2					4.1	11.2
NW	.5	.8	1.6	1.5	.4	.7	.1					5.6	11.8
NNW	.7	.5	.7	2.1	.7	.5						5.2	12.0
VARBL													
CALM												9.0	
	11.1	16.2	21.7	26.4	8.7	4.9	2.2	.7				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 4540 STATION 77-82 MAY NORTH
ADAK NAS AK STATION NAME YEARS
ALL WEATHER CLASS 0000-2000 HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.6	2.9	2.6	.8	.4						1.7	9.4
NNE	.9	1.2	1.6	1.5	.3	.4						6.2	9.7
NE	.7	1.2	.1	.2	.2	.1						2.2	8.1
ENE	.6	.7	.8	1.1	.4	.2						3.9	9.9
E	.2	1.7	.9	.8	.2							3.1	8.6
ESE	.2	.4	.1	.2	.1	.1						1.1	8.5
SE	.4	.2	.2	.4	.1	.2						2.2	7.1
SSE	.2	.5	.4	.2	.3	.2						2.2	10.7
S	.7	1.3	2.0	1.6	.1							5.7	8.6
SSW	.4	.5	1.3	.9	.3	.2						3.7	10.3
SW	.9	1.6	2.0	2.5	1.2	.4	.4	.1				7.5	12.3
WSW	1.4	1.3	2.6	2.4	1.3	1.3	.7					11.0	12.9
W	1.0	1.7	3.7	3.1	1.9	1.0	.4	.4				13.3	12.0
WNW	.9	.9	1.2	1.6	.2							4.5	8.7
NW	.7	.8	1.3	1.0	.4	.2						5.2	10.6
NNW	.5	1.5	1.3	2.0	.7	.7						6.7	11.2
VARBL													
CALM												9.0	
	17.3	18.2	22.5	23.4	8.5	5.6	1.5	.5				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74540 STATION ADAK NAS AK 73-82 YEARS MAY NORTH
ALL WEATHER CLASS 0600-0600 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	2.7	2.9	.8	.5						8.5	11.4
NNE	1.0	1.3	2.0	1.3	.3	.5	.2					6.6	10.1
NE	.7	.7	.3	1.1	.1							2.3	8.3
ENE	.6	1.0	1.9	.9	.7							4.8	8.3
E	1.2	1.2	1.3	.4	.1							4.2	8.5
ESE	.5	.4	.4	.2								1.3	6.9
SE	.5	.1	.3	.1	.2							1.3	8.3
SSE	.3	.3	1.0	.7	.3							2.6	9.5
S	.5	.3	1.6	1.6	.8	.1						5.7	10.9
SSW	.4	.9	1.0	1.4	.1	.7						4.5	11.6
SW	.9	1.3	1.9	2.2	.9	.5	.1	.3				9.1	12.2
WSW	.5	1.5	3.2	3.1	1.6	1.0	.3					11.2	12.5
W	.7	1.4	3.6	4.5	1.9	1.3	.7	.4				14.5	13.9
WNW	.7	.8	1.4	1.9	.3	.2	.1					5.3	10.9
NW	.1	.4	1.7	1.2	.3	.1	.1					4.0	11.1
NNW	.5	1.4	2.0	2.5	.9							7.3	10.1
VARBL													
CALM												7.0	
	9.4	14.9	20.5	25.9	9.0	7.0	1.5	.8				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 418

U.S. NAVAL CLIMATOLOGY BRANCH
 U.S. NAVY
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14040 ADAM YALAN 73-82 MAY NORTH
 CLASS ALL WEATHER 1937-1950
 HOURS (LST) 1937-1950
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.2	3.4	4.6	1.4	.4	.1					1.2	12.2
NNE	.7	.7	2.0	1.7	.4	.3		.1				5.5	11.2
NE	.7	.7	.9	1.0	.2							3.1	9.3
ENE	.4	2.1	2.7	.9	.7	.1						6.9	8.7
E	1.0	2.3	1.3	.3								5.2	5.8
ESE	.7	1.6	.3	.2	.1							2.3	5.8
SE	.7	.5	.5	.2								1.5	6.4
SSE	.2	.7	1.0	.3		.1						2.3	8.2
S	.1	.7	2.6	1.9	.4	.5						6.4	11.3
SSW	.1	.7	1.3	.8	.5	.2	.2					4.5	13.9
SW	.1	.4	1.4	2.5	.7	1.2	.1	.2				6.7	15.2
WSW	.3	.7	2.1	3.6	2.2	1.0	.4					10.5	14.5
W	.2	.7	2.9	1.8	1.9	2.7	1.2					15.5	16.2
WNW	.7	1.0	1.3	2.1	.4	.1	.1					5.3	11.0
NW		.0	1.6	2.3	.4	.1						5.0	11.8
NNW		.4	2.2	2.2	.8	.1						5.7	12.0
VARBL													
CALM												1.4	
	4.0	15.4	27.6	3.5	10.1	7.6	2.2	.3				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL-WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 04542 ADAQ NAS AK STATION NAME 73-82 YEARS MAY MONTH
ALL-WEATHER CLASS 1900-1922 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N		1.1	2.1	6.4	1.5	.5	.2	.1				12.5
NNE		.5	1.5	2.5	.9	.1		.1				5.5
NE		.5	.7	1.4	.4	.1						3.2
ENE	.5	1.6	2.8	1.6	.4	.1						7.4
E	.5	2.3	2.4	.6								6.1
ESE		1.5	.9	.1	.1							2.0
SE	.1	1.2	.5	.3	.1							2.6
SSE	.1	.2	1.5	.5		.1						2.7
S	.5	.5	2.5	2.7	.5	.4	.1					7.5
SSW	.7	.1	1.5	1.3	.5	.4	.2	.1				3.8
SW	.1	.2	.9	2.7	1.6	.9	.4	.4				7.3
WSW		.7	1.5	2.8	1.4	1.7	.1	.1				8.0
W	.7	.4	3.4	6.1	2.8	3.1	.9	.1				17.1
WNW		.5	1.4	1.9	.5	.4						4.7
NW	.1	.5	1.2	2.2	1.1	.3						5.6
NNW		.4	.5	1.7	.7							3.7
VARBL												
CALM												.3
	2.2	11.9	26.4	35.2	13.2	7.9	2.0	1.0				100.0

TOTAL NUMBER OF OBSERVATIONS 917

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7 4540 ADAM NAS AK STATION NAME 77-52 YEARS MAY MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	3.1	7.1	1.9	.5	.4					14.4	13.2
NNE		1.0	2.1	2.3	.9	.4						6.7	11.7
NE		.7	1.4	1.1	.1							3.5	9.4
ENE	.7	1.6	2.7	1.4	.7							6.3	6.8
E	.7	1.1	2.4	.4								4.3	7.4
ESE		.7	.7	.7								1.9	9.1
SE	.1	.2	.7	.3								1.5	6.4
SSE	.1	.5	1.3	.5								2.5	6.7
S		.5	2.5	3.9	.2	.5	.2	.3				8.3	13.5
SSW	.1	.3	1.3	1.4	.2	.3						3.7	12.2
SW		.2	.9	2.1	1.5	1.4	.4	.2				6.9	17.8
WSW	.1	1.4	1.5	3.3	1.1	1.4	.1					9.2	13.5
W		.7	3.1	7.9	2.4	1.6	1.1	.1				16.9	15.1
WNW		.4	1.3	1.5	.5	.3	.2					4.4	13.7
NW		.7	1.3	1.7	.5	.2						4.4	12.9
NNW	.1	.3	1.1	2.7	1.7	.1						5.3	13.2
VARBL													
CALM												.3	
	1.4	11.4	27.5	35.4	10.8	7.3	2.5	.7				120.2	12.8

TOTAL NUMBER OF OBSERVATIONS 916

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74540 ADAM NAS AK STATION NAME 73-82 YEARS 1930-1999 DAY 1930-1999
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	5.7	5.7	1.2	.8	.1					15.1	11.4
NNE	.0	1.3	2.4	2.0	.5	.7						6.7	10.7
NE	.4	1.2	1.3	1.3	.1							4.3	6.2
ENE	.4	.5	2.0	1.3	.1							4.6	8.9
E	.2	1.1	1.2	.5								3.5	7.0
ESE	.3	1.1	.4	.2	.2							2.3	7.4
SE	.3	1.1	.9	.1	.1							2.5	7.0
SSE	.1	.5	2.5	.8								3.9	8.8
S		1.1	2.2	1.8	.5	.3	.7					6.6	13.2
SSW	.1	.4	1.7	1.1		.2	.1					3.7	11.0
SW	.1	.6	1.4	2.5	1.5	1.6	.5					8.5	15.5
WSW	.2	1.1	2.1	2.5	1.4	.9	.1	.1				8.4	12.9
W	.4	1.0	3.4	5.8	1.8	1.3	.5	.2				14.5	13.9
WNW	.1	.3	1.0	1.7	.5	.4						4.1	13.0
NW	.1	.4	1.4	2.6	.1	.1	.1					4.9	11.8
NNW	.2	.2	1.2	2.3	.7	.2	.1					4.9	12.9
VARBL													
CALM												1.5	
	4.9	13.8	30.0	32.2	8.9	6.1	2.3	.3				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7.4541 STATION ADAK NAS AK STATION NAME 73-52 YEARS MAY
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.4	2.0	3.6	.8	.1						11.5	9.2
NNE	1.3	2.7	2.1	2.0	.7	.2	.1					6.2	8.2
NE	.3	.1	.8	.3	.1	.1						2.4	8.2
ENE	.4	.9	1.2	1.3								3.5	8.7
E	.7	.2	.7	.9								2.4	8.5
ESE	.1	.3	.5	.7								1.5	8.3
SE	.2	.1	1.0	.3	.1							2.4	8.2
SSE	.4	.6	1.4	.7	.1							3.4	8.2
S	1.5	1.2	2.0	1.4		.1	.1	.1				9.4	8.4
SSW	.6	.4	1.2	1.2	.7	.3		.1				4.9	11.3
SW	.3	1.2	1.5	2.2	1.1	1.1	.4					7.9	14.1
WSW	.3	.9	2.7	3.1	.5	.9	.4	.3				9.2	13.6
W	1.2	1.6	3.5	5.3	1.0	.8	.3	.2				13.9	11.7
WNW	.1	.3	1.6	1.2	.2	.4	.1					4.2	12.7
NW	.9	.4	1.1	1.5	1.1							5.0	12.6
NNW	.7	1.2	1.2	1.5	.9	.7						5.6	12.3
VARBL													
CALM												7.7	
	10.4	16.3	24.3	27.3	7.2	4.7	1.5	.8				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7 4540 ADIAK NAS AK STATION NAME 73-82 YEARS MAY MONTH
ALL WEATHER CLASS ALL HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.0	3.1	4.6	1.1	.6	.1	.2				12.2	11.2
NNE	.1	1.2	1.9	1.8	.5	.4	.1	.3				6.4	15.6
NE	.3	.0	.8	.9	.2	.1						3.0	9.0
ENE	.0	1.2	1.9	1.2	.4	.1						5.1	9.0
E	.6	1.3	1.3	.6	.1							3.9	7.3
ESE	.2	.7	.4	.3	.1	.0						1.8	7.4
SE	.7	.6	.7	.3	.1	.0	.0					2.1	7.9
SSE	.3	.6	1.2	.6	.1	.1	.0					2.8	9.0
S	.5	1.0	2.1	2.0	.4	.3	.1	.1				6.4	11.0
SSW	.3	.5	1.2	1.2	.4	.4	.1	.3				4.1	12.3
SW	.4	.0	1.5	2.3	1.2	1.0	.3	.2				7.9	14.3
WSW	.5	1.0	2.3	3.1	1.4	1.1	.4	.1				9.8	13.5
W	.6	1.1	3.5	5.4	1.9	1.6	.7	.2				15.0	14.1
WNW	.3	.6	1.2	1.7	.4	.3	.1					4.6	11.7
NW	.7	.5	1.4	1.6	.6	.2	.0					5.0	11.7
NNW	.3	.0	1.3	2.1	.8	.3	.0					5.6	11.9
VARBL													
CALM												4.5	
	6.7	14.8	25.8	29.9	9.5	6.1	2.0	.6				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 7349

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 77440 ADAAK NAS AK STATION NAME 73-82 YEARS JULY MONTH 0000-2200 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.7	3.5	1.5	.1							5.9	7.2
NNE	1.6	2.7	2.4	1.6	.6	.2	.2					9.2	6.2
NE	.7	1.3	.9	1.7	.2							4.3	5.7
ENE	1.7	.6	.7	.3	.1	.2						2.7	7.5
E	1.1	.7	.6	.1								2.7	4.8
ESE	.7	1.0	.2									1.7	4.6
SE	.6	2.7	.7									3.3	5.3
SSE	.7	1.6	1.7	.9								4.8	7.4
S	1.0	2.0	2.6	1.0	.4							7.1	7.7
SSW	.7	1.3	1.3	.7	.1	.1						4.3	6.2
SW	1.0	.4	4.4	4.4	1.9	1.1						13.6	12.1
WSW	.9	1.3	2.9	5.4	3.4	1.1	.2					15.2	13.3
W	.8	1.8	2.7	3.1	1.2	.1						9.1	12.3
WNW	.2	.2	.1	.2	.1							1.0	7.8
NW	.1											.1	2.0
NNW	.3	.1	.4									1.9	5.9
VARBL													
CALM												9.3	
	12.9	20.7	24.7	20.9	8.2	2.9	.4					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74540 STATION 73-82 MONTH JUN 6700-2600
ADAK NAS AK STATION NAME YEARS HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	3.1	2.6	2.6		.1						9.5	8.4
NNE	1.6	3.2	1.9	1.0	.5	.5	.2					5.8	5.5
NE	.0	1.4	1.1	1.2	.1							4.8	8.0
ENE	1.7	.9	.7	.6								3.2	6.1
E	.3	1.4	.6	.1								2.4	5.6
ESE	.2	.3	.5	.1								1.1	7.0
SE	.6	1.1	.7		.2							2.6	6.1
SSE	.7	1.7	.8	1.1								4.3	7.2
S	1.1	3.2	1.9	.7	.2							7.0	6.8
SSW	1.5	1.0	1.0	1.5								4.5	7.4
SW	.4	1.1	3.6	3.4	1.7	1.2	.1	.1				11.7	12.9
WSW	.8	1.5	3.6	5.8	2.5	1.9	.1					16.2	13.0
W	.9	1.6	2.7	1.9	.5	.3						7.9	9.6
WNW	.2	.5		.2								.9	6.5
NW	.1	.2	.2		.2							.8	9.6
NNW	.2	.4	.9	.2								1.9	6.9
VARBL													
CALM												12.3	
	11.0	22.7	22.8	27.7	5.9	4.1	.5	.1				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 483

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 ADAM NAS AK 73-82 JWS
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 0600-2800
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.6	4.6	1.7	.1	.1						9.7	9.4
NNE	1.0	2.5	2.5	1.9	.2	.3						6.5	6.6
NE	.5	1.9	2.5	1.2	.1							6.3	6.1
ENE	.3	1.5	1.4	.6								4.3	7.2
E	1.1	.9	.9	.3	.1							3.4	6.3
ESE	.6	.1	.8	.3								1.8	7.0
SE	.6	.7	.9	.1								2.1	6.5
SSE	.8	1.4	1.5	.9	.2							4.7	7.9
S	1.1	2.0	2.3	2.0								6.2	7.9
SSW	.7	1.4	.6	1.0	.1							3.7	7.4
SW	.8	1.5	3.3	5.1	1.8	1.0	.2	.1				13.3	12.9
WSW	.2	1.5	4.1	5.1	2.3	.7						14.4	11.8
W	.3	2.0	3.2	2.1	.6	.1						8.3	9.5
WNW	.2		.1									.3	5.0
NW	.1		.5									.6	6.8
NNW	.0	.5	.7	.7								2.0	6.6
VARBL													
CALM												7.8	
	10.4	20.2	29.5	23.1	6.4	2.3	.2	.1				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 ADAM NAS AK 73-82 MONTH MONTH
STATION NAME YEARS
ALL WEATHER CLASS 1973-1978
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	3.2	5.1	1.1							10.6	11.2
NNE	.3	.7	2.6	2.0	.2	.3						6.2	10.8
NE	.1	1.4	1.9	2.3	.2							5.9	10.1
ENE	1.1	1.9	3.9	1.6	.2							8.7	8.3
E	.8	3.2	2.4	1.0	.1							7.5	7.2
ESE	.3	.8	.8	.3								2.3	7.5
SE		.5	1.5	.3	.3							2.9	9.2
SSE	.6	.3	1.7	1.1	.2							4.0	9.3
S	.2	1.1	3.7	2.8	.3							8.3	9.8
SSW	.1	.7	.9	.8	.1							2.6	6.8
SW	.2	.9	.7	3.8	1.8	.6	.2					8.3	14.5
WSW	.6	.9	2.3	6.8	2.3	2.2	.1					15.6	13.9
W	.6	.6	4.1	6.3	.8	.6						12.9	11.7
WNW		.3	.3	.5								1.1	9.0
NW	.1	.1	.1	.2								.5	8.2
NNW	.1	.2	.2	.3	.1							1.0	10.3
VARBL													
CALM												1.5	
	5.3	15.1	30.8	35.4	7.9	3.6	.3					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 883

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 74540 STATION NAME ADAK NAS AK YEARS 73-82 MONTH JULY
CLASS ALL WEATHER HOURS (LST) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	2.4	5.1	.7	.2						9.2	12.0
NNE		1.0	2.4	2.7	.4	.3						6.9	11.0
NE	.1	1.0	1.7	3.0	.3							6.7	10.5
ENE	.3	2.6	2.6	2.7	.6							8.3	9.4
E	.4	3.3	3.5	.0		.2						8.3	7.8
ESE	.4	1.3	.4	.3								2.6	6.0
SE	.1	.6	.4	.7		.1	.2					2.1	11.6
SSE	.3	.2	2.7	1.6	.4							5.3	10.6
S		.4	4.2	3.4	.6	.1						8.7	11.1
SSW	.2		.6	1.3	.2							2.6	11.3
SW	.1	.7	.7	2.5	2.2	1.8	.1	.1				8.2	16.7
WSW	.1	.1	1.6	6.5	2.8	1.3	.2					12.2	15.3
W	.1	.4	3.0	6.5	2.0	.4	.1					12.7	13.3
WNW	.1	.3	.6	.7	.1							1.3	9.9
NW	.1	.1		.3	.1							.7	10.7
NNW		.1	.6	1.2	.4	.2						2.2	13.9
VARBL													
CALM												.7	
	2.8	12.7	27.7	39.5	11.0	4.9	.7	.1				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74540 ADAX NAS AK STATION NAME 73-82 YEARS MONTH 11
CLASS ALL WEATHER 1500-1700
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.5	3.2	5.6	1.0							1.5	11.8
NNE		.7	1.6	3.2	.1	.3						6.1	11.4
NE	.4	.7	2.8	2.6	.6							7.2	13.5
ENE	.7	2.4	3.4	1.6	.1							5.5	8.5
E	.5	1.5	2.8	1.0								6.1	7.6
ESE	.2	.7	1.2	.2								2.4	7.3
SE		.7	1.6	.5								2.7	8.2
SSE		.7	2.1	2.3	.5	.3						5.3	11.7
S		.7	4.2	3.4	.3							8.2	10.9
SSW		.5	1.1	1.2		.2						3.0	11.2
SW			.8	1.4	2.5	1.0	.3					6.0	16.4
WSW	.1	.1	1.6	6.9	2.9	1.1		.1				13.2	15.0
W		.5	2.1	5.5	2.7	.6	.3					12.8	14.2
WNW	.1	.1	.3	.5	.1							1.1	9.7
NW	.1	.2	.2	.2								.3	7.3
NNW		.3	.5	1.0	.5							2.3	12.6
VARBL													
CALM												1.4	
	2.3	17.2	29.9	47.6	11.3	3.6	.7	.1				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 586

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74540 ADIAK NAS AK STATION NAME 73-82 YEARS JUN MONTH 1973-1977 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	5.2	4.8	.2	.1						12.2	13.1
NNE	.3	2.0	3.6	1.9	.3	.2						6.4	8.4
NE	.1	1.4	2.7	1.0	.2							5.5	8.8
ENE	.9	1.4	1.8	1.1	.3	.2						5.8	8.9
E	1.1	1.3	1.4									3.9	8.4
ESE	.6	.8	.8	.2								2.3	8.2
SE	.1	1.4	2.1	.4								4.1	7.5
SSE	.6	1.4	2.2	1.9		.1	.1					6.4	9.3
S	.2	1.2	3.3	3.8	.7	.1						9.4	12.7
SSW	.2	.2	.9	1.7	.2							2.6	10.3
SW	.2	.6	2.0	3.1	2.5	.9	.2					9.5	14.0
WSW		.3	2.0	5.4	2.1	.9						12.2	13.4
W	.3	1.2	3.8	3.9	1.3	.9	.1					11.6	12.4
WNW	.2	.7	.6	.2								1.7	7.3
NW		.1		.1	.1							.3	12.3
NNW	.2	.1	.6	1.2	.2	.1						2.2	12.3
VARBL													
CALM												1.9	
	5.4	16.4	34.0	30.1	8.2	3.6	.4					10.2	12.4

TOTAL NUMBER OF OBSERVATIONS 897

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74540 ADP NAS AK STATION NAME 73-82 YEARS 1960-1969 MONTH JUL
CLASS ALL WEATHER HOURS (LST) 2100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.2	3.7	3.1	2.4	.3							11.5	7.7
NNE	1.2	3.3	2.6	1.2	.4	.2						5.7	8.0
NE	.6	2.4	.9	1.1	.3							5.3	8.3
ENE	.7	.3	.7	.3	.6	.1						2.7	9.8
E	1.3	.5	.7	.2								3.0	8.0
ESE	.5	.5	.3									1.2	8.0
SE	.4	.5	.9	.2								2.1	6.9
SSE	.7	1.9	2.7	.9		.1						5.6	7.6
S	1.1	3.6	4.3	2.2	.3	.4						12.0	8.4
SSW	.6	1.1	1.8	1.0	.2	.1						4.5	9.0
SW	.7	1.3	3.7	3.6	2.1	1.7						11.5	12.6
WSW	.7	1.6	2.9	4.4	2.5	1.2	.2					13.5	12.9
W	.7	1.7	2.6	2.6	.5	.6						7.7	10.3
WNW		.4	.2	.2		.1						1.0	10.0
NW	.5	.2	.4	.1	.1							1.1	7.9
NNW	.1	1.1	.2	.1								1.0	6.3
VARBL												0.5	
CALM													
	10.9	24.2	27.4	19.5	7.5	3.7	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 692

AD-A134 203 ADAK NAS ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (..U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 24 AUG 83
UNCLASSIFIED USAFETAC/DS-83/038 SBI-AD-E850 421 F/G 4/2

ADAK NAS ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (..U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 24 AUG 83
USAFETAC/DS-83/038 SB1-AD-E850 421 F/G 4/2

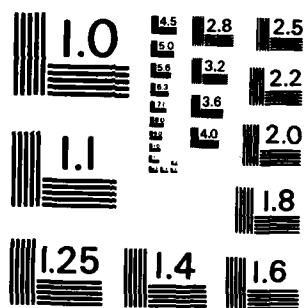
25

UNCLASSIFIED

F/G 4/2

NI

A 10x10 grid of squares. The top-left square (row 1, column 1) is missing, leaving a 9x10 grid of squares. The grid is composed of 90 squares in total.



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 4540 STATION ADAK NAS AK STATION NAME 73-52 YEARS JUN
ALL WEATHER CLASS ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.8	3.5	3.6	.6	.1						10.2	9.7
NNE	.7	2.0	2.4	1.9	.4	.3	.1					7.8	9.3
NE	.4	1.4	1.8	1.8	.3							5.7	9.2
ENE	.8	1.5	1.9	1.1	.2	.1						5.6	8.4
E	.8	1.7	1.6	.5	.0	.3						4.7	6.7
ESE	.4	.7	.6	.2								2.0	6.9
SE	.3	1.0	1.1	.3	.1	.0	.0					2.9	7.6
SSE	.5	1.1	1.8	1.3	.2	.1	.0					5.1	9.0
S	.6	1.8	3.3	2.4	.4	.1						8.6	9.2
SSW	.4	.8	1.1	1.1	.1	.1						3.5	8.9
SW	.4	.9	2.4	3.6	2.1	1.1	.2	.0				10.6	13.7
WSW	.5	1.0	2.9	5.8	2.6	1.3	.1	.0				14.2	13.5
W	.5	1.2	2.9	4.1	1.2	.5	.1					10.4	11.7
WNW	.2	.3	.3	.3	.0	.0						1.1	8.5
NW	.1	.1	.2	.1	.1							.6	8.5
NNW	.2	.5	.5	.6	.2	.0						2.0	10.0
VARBL													
CALM												5.2	
	7.6	17.8	28.3	28.7	8.3	3.6	.4	.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 7109

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
ADDITIONAL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 4540
STATION

ADAK NAS AK
STATION NAME

73-82
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.5	1.1	1.1	.7							6.3	8.1
NNE	1.1	2.0	1.3	.8	.3							5.4	7.1
NE	1.0	1.1	1.2	.2	.1							3.6	6.4
ENE	1.1	1.5	1.1	.1								4.1	5.2
E	1.4	.8		.3								2.5	4.8
ESE	.7	1.5	.4	.3								2.4	6.1
SE	.4	1.2	1.5	.3								2.9	6.3
SSE	1.4	1.7	1.5	.4								5.1	6.7
S	1.4	2.7	2.7	1.8	.2							8.9	7.8
SSW	.9	2.1	1.4	1.2	.2	.1						5.9	7.6
SW	1.2	1.4	2.2	3.4	.9	.4						9.4	10.7
WSW	1.2	3.5	4.2	5.5	1.8	.4						16.3	10.6
W	.8	1.5	3.5	4.7	1.3	.8						12.1	11.6
WNW		.7	.3	.4								1.4	8.5
NW		.3	.5	.4								1.3	9.8
NNW	.5	.8	.8	.3	.1	.4						2.9	9.3
VARBL													
CALM												9.8	
	14.5	23.7	22.8	21.4	5.6	2.2						100.3	7.9

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7.4540 ADIAK NAS AK 73-82 JUL 82

STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

3300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.3	1.1	1.4	1.3	1.0							7.1	8.3
NNE	2.0	2.9	2.2	1.0								8.3	6.3
NE	1.3	1.0	.8	.3								3.4	5.4
ENE	1.1	1.2	.1	.8								3.1	5.9
E	1.2	.1	.3	.4								2.1	5.6
ESE	.1	.7	.7	.2								1.8	6.7
SE	.2	.9	.3	.3								1.7	6.4
SSE	.5	2.1	1.0	.5								4.1	6.4
S	1.6	2.3	2.8	1.2	.1							9.0	7.0
SSW	1.2	1.4	1.5	1.3	.3							5.8	8.1
SW	1.7	1.5	1.6	3.3	1.0	.2						9.3	10.0
WSW	.9	1.7	3.3	5.4	2.2	.5	.1					14.1	11.9
W	1.1	1.4	3.5	4.6	1.7	.5						12.9	11.1
WNW	.1	.4	.4	.2								1.2	6.8
NW	.5	.3	.3	.2								1.4	5.6
NNW	.7	.8	.5	.3	.4	.1						2.8	8.8
VARBL													
CALM												13.1	
	16.5	20.0	20.7	21.4	6.7	1.4	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 4540 STATION ADAK NAS AK STATION NAME 73-82 YEARS JUL MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	2.3	1.5	1.2	.1						7.4	10.0
NNE	1.4	1.5	1.8	.9								5.6	6.7
NE	1.6	1.8	.7	1.1								5.2	6.2
ENE	.5	1.4	1.2	.3								4.9	5.2
E	1.1	1.3	.5	.4	.3							3.7	6.6
ESE	1.2	1.2	1.3									3.7	5.4
SE	1.1	1.0	.9	.2	.1							3.3	6.0
SSE	.4	1.1	1.7	.4								3.7	7.3
S	.7	1.7	1.8	1.4	.1							5.7	8.2
SSW	.7	1.4	1.6	1.3	.2	.1	.1					5.4	8.9
SW	.7	1.5	1.8	4.1	.9	.4						9.4	11.1
WSW	.4	1.7	4.9	5.1	1.3	.8	.3					14.5	11.9
W	.5	1.8	3.6	5.0	2.3	.7						14.1	11.8
WNW	.2	.1	.3	.1								.8	6.9
NW		.1	.3		.1							.5	9.2
NNW	.2	.8	.9	.4	.3							2.6	9.3
VARBL													
CALM												9.5	
	13.0	20.2	25.7	22.3	6.8	2.1	.4					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 4540 STATION ADAM NAS AK STATION NAME 73-82 YEARS JUL MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	.3	1.7	3.2	.3	.2						6.4	11.5
NNE	1.5	1.6	2.2	1.3								6.6	7.1
NE	.7	2.5	2.1	.9								6.1	6.8
ENE	1.1	3.0	1.3	.3								5.8	5.6
E	1.5	3.0	1.8	.8								7.2	6.2
ESE	.7	1.5	.5	.2								2.9	5.5
SE	.5	.8	1.1	.2								2.5	6.6
SSE	.3	.9	2.6	.7								4.3	6.1
S	.5	1.3	3.0	2.0	.7	.1						7.6	9.8
SSW	.1	.4	.9	1.4	.4	.2	.1					3.6	12.8
SW	.2	.7	2.9	4.5	1.0	.2						9.5	11.9
WSW	.5	.5	5.0	8.0	2.0	1.1	.1					17.3	12.7
W	.2	.9	3.6	6.3	2.2	1.2	.1					14.5	13.4
WNW	.1		.2		.2							.5	11.4
NW			.2	.1	.2	.1						.7	15.2
NNW	.2	.4	.4	.5		.1						1.7	9.4
VARBL													
CALM												2.7	
	8.5	18.3	29.7	30.3	7.0	3.3	.3					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74540
STATION

ADAK NAS AK

STATION NAME

73-82

YEARS

JUL

MONTH

ALL WEATHER

CLASS

1200-1400

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	2.4	2.6	.4	.5						6.3	12.4
NNE	.1	1.5	2.1	.9	.2							4.9	8.3
NE	.4	1.1	2.1	1.5								5.1	8.2
ENE	.9	3.3	4.4	1.0								9.4	7.1
E	.3	3.7	2.7	.5	.1							7.9	6.5
ESE	.4	1.6	1.4	.2								3.7	6.4
SE	.2	.5	2.0	.3								3.1	7.7
SSE		.7	2.0	1.6	.1							4.4	9.9
S	.1	.8	2.3	1.6	.5							5.4	10.0
SSW	.1	.4	.4	2.7	.5	.2						4.5	12.6
SW	.2	.5	.8	4.7	1.9	.1						8.2	13.7
WSW		.4	1.6	10.4	4.3	1.1						17.3	14.8
W	.2	.2	2.0	8.1	2.3	1.1	.2					14.1	14.4
WNW			.2	.3	.3							.9	14.5
NW			.2	.7	.2	.2						1.3	15.8
NNW	.2	.1	.3	.8	.1							1.5	11.1
VARBL													
CALM												1.0	
	3.7	15.8	26.9	38.1	11.1	3.3	.2					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 ADAM NAC AK 73-82 JUL 1500-1700
STATION NAME YEARS MONTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	1.7	3.2	1.1	.3						7.2	12.4
NNE	.7	1.4	2.2	.9	.1	.1						5.0	8.5
NE	.7	1.1	2.8	.9	.1							5.5	7.9
ENE	.7	3.3	4.9	.5								9.4	7.1
E	1.1	3.6	3.0	.5	.3							8.6	7.0
ESE	.2	1.7	1.6	.1								3.7	6.5
SE	.3	.7	1.2	.4	.1							2.7	8.2
SSE	.1	.4	1.3	1.4	.2							3.2	10.8
S	.3	1.0	2.8	2.9	.2							7.3	10.0
SSW		.3	.8	1.5	.4							3.2	11.9
SW	.1	.4	1.7	4.7	1.1	.1						8.2	12.8
WSW	.2	.4	3.0	9.2	3.3	.7						16.9	13.7
W	.1	.4	3.0	6.4	3.9	1.4						15.3	14.7
WNW	.1	.1	.1	.7	.2	.1						1.3	12.7
NW	.1	.1	.2	.5	.2	.1						1.3	12.7
NNW		.1	.4	.2								.8	10.1
VARBL													
CALM												.7	
	4.7	15.7	30.7	34.2	11.3	2.8						100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 919

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 ADAM NAS AK 73-82 JUL
STATION NAME YEARS MONTH
ALL WEATHER CLASS 1800-2000
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.7	1.8	2.6	2.2	.8							8.2	9.3
NNE	.8	1.5	2.6	1.3								6.2	7.9
NE	.5	2.5	1.6	.4								5.1	6.3
ENE	1.5	2.6	2.2	.9								7.2	6.4
E	.9	3.5	.8	.3	.1							5.5	5.7
ESE	.7	1.1	.9	.2								2.8	6.1
SE	.3	1.1	.5	.3	.1							2.4	7.0
SSE	.3	1.3	3.1	.7	.1							5.5	7.9
S		1.5	3.3	2.5	.3							7.6	9.5
SSW	.2	1.1	1.1	1.6	.1	.2						4.3	10.0
SW	.2	.7	2.3	2.9	.5	.1						6.7	11.2
WSW	.1	1.4	4.7	7.1	1.8	.3						15.4	12.0
W	.4	.5	4.5	6.7	2.1	.4	.1					14.8	12.4
WNW		.4	.7	.2	.2							1.5	9.5
NW	.1	.2	.8	.5	.1							1.7	10.1
NNW	.3	.2	1.1	.8	.3	.1						2.8	10.3
VARBL													
CALM												2.3	
	7.1	21.5	32.6	28.7	6.6	1.2	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 STATION 73-82 MONTH JUL
ADAK NAS AK STATION NAME YEARS
ALL WEATHER CLASS
2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.7	1.6	2.0	.5							8.5	7.7
NNE	1.3	3.1	1.4	.9								6.7	6.2
NE	.9	1.7	1.2	.3	.2							4.4	6.5
ENE	.6	.5	.7	.1								2.1	5.7
E	1.6	1.4	.8	.5	.1							4.4	6.0
ESE	1.0	.7	.7	.1								2.4	5.2
SE	.2	1.2	1.4	.3								3.2	6.9
SSE	.7	1.6	1.9	.3	.2	.1						4.3	7.7
S	.8	2.6	3.9	1.6	.1							9.1	8.2
SSW	.2	1.3	.9	1.1	.3	.4						4.5	10.1
SW	.8	1.3	3.3	3.8	.1	.1						9.4	9.7
WSW	.9	2.1	5.9	4.3	2.3	.3						15.7	10.8
W	.9	1.9	2.8	4.6	1.0	.4	.1					11.7	11.2
WNW	.1		.4	.5	.2							1.3	11.6
NW	.5	.1	.3	.1	.2							1.3	7.5
NNW	.7	.2	.5	.8	.4	.2						2.8	11.2
VARBL													
CALM												7.8	
	13.4	22.2	27.7	21.4	5.8	1.6	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

704540 ADAX NAS AK 73-82 JUL
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.4	1.9	2.1	.7	.1						7.2	9.9
NNE	1.1	2.7	2.0	1.0	.1	.7						6.1	7.2
NE	.9	1.6	1.5	.7	.1							4.8	6.8
ENE	1.1	2.1	2.0	.5								5.7	6.3
E	1.2	2.2	1.3	.5	.1							5.2	6.2
ESE	.6	1.2	.9	.2								2.9	6.0
SE	.4	.9	1.0	.3	.0							2.7	6.9
SSE	.5	1.2	1.8	.8	.1	.7						4.4	7.9
S	.7	1.7	2.8	1.9	.3	.0						7.5	8.7
SSW	.5	1.0	1.1	1.5	.3	.2	.0					4.6	9.9
SW	.6	1.0	2.1	3.9	.9	.2						6.8	11.3
WSW	.5	1.4	4.1	6.9	2.4	.7	.1					16.0	12.4
W	.6	1.1	3.2	5.8	2.1	.8	.1					13.7	12.7
WNW	.1	.2	.3	.3	.1	.7						1.1	10.1
NW	.2	.1	.4	.3	.1	.1						1.2	10.5
NNW	.4	.4	.6	.5	.2	.1						2.3	9.9
VARBL													
CALM												5.9	
	10.2	19.6	27.1	27.2	7.6	2.2	.2					170.0	9.1

TOTAL NUMBER OF OBSERVATIONS 7355

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 STATION ADAK NAS AK STATION NAME 77-P2 YEARS 1990-1990 MONTH 0000-0200
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.9	.9	2.0	.2							4.5	6.5
NNE	.5	1.2	1.1	.6	.1							3.2	7.1
NE	.7	1.3	1.1	.2	.1							3.4	6.5
ENE	.4	.1	.4	.4	.1							2.2	7.4
E	.3	.0	.9	.3	.1							2.5	7.4
ESE	.4	.5	.4	.1	.1							1.5	6.5
SE	.7	.7	1.4	.3	.1							2.3	6.2
SSE	.0	.9	1.4	1.2		.1						4.2	6.4
S	1.5	2.4	3.0	2.2	.1	.3						10.5	6.4
SSW	1.0	1.4	2.7	1.4	.5	.3						7.8	9.1
SW	1.2	1.2	2.7	4.1	1.7	.2						11.2	11.4
WSW	.4	2.7	5.7	6.9	1.9	.5	.2	.1				17.8	11.7
W	.7	1.5	3.9	3.6	1.0	.1	.1	.1				11.0	11.3
WNW	.4	.4	.5	.5	.2							2.2	9.0
NW	.2	.1	.1	.3	.1		.3					1.2	14.6
NNW	.3	.3	.4	.8								1.9	8.7
VARBL													
CALM												11.2	
	10.1	17.5	27.0	25.2	6.4	1.6	.7	.2				170.7	8.7

TOTAL NUMBER OF OBSERVATIONS 918

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74540 ADAX NAS AK STATION NAME 73-82 YEARS MONTH 0300-0500
ALL WEATHER CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	.7	1.9	2.5	.4							6.4	7.6
NNE	.9	.7	1.1	.7	.2							3.5	8.1
NE	1.1	1.2	.9									3.2	4.9
ENE	.2	.1	1.7	.3	.2							1.9	10.1
E	.4	.5	.6	.7	.2							3.2	6.0
ESE	.5	.5	.2	.2								1.5	5.6
SE	.5	.4	1.2	.7	.2							3.1	8.5
SSE	1.1	1.5	.9	1.5	.2							5.3	8.1
S	1.5	1.1	3.7	1.9		.1						7.8	8.8
SSW	1.5	2.1	2.2	1.8	.4		.1	.3				8.5	9.2
SW	1.2	1.6	2.3	3.5	1.9	.5	.1	.1				11.2	11.7
WSW	.5	2.4	4.3	5.9	2.7	1.1						16.7	12.2
W	.5	1.4	3.7	3.8	1.5	.7	.2					11.9	12.0
WNW	.4	.5	.5	.3	.1							2.7	7.4
NW	.1	.2	.7	.2	.2	.2	.1					1.3	14.4
NNW	.3	.4	.2	.8	.2							2.0	10.1
VARBL													
CALM												10.6	
	11.9	15.6	25.1	24.8	8.4	2.6	.5	.4				170.0	9.1

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7.4542 7.4542 STATION NAME 73-82 YEARS 8.00-08.00
STATION MONTH
ALL WEATHER CLASS 08.00-08.00
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.6	1.0	1.6	.9	.1						5.9	9.9
NNE	1.0	1.3	1.5	.9	.1							5.4	6.7
NE	1.0	1.3	.9	.3								4.0	5.2
ENE	.0	.7	.7	.2	.1							2.4	6.6
E	.2	.7	.9	.5		.1						2.4	6.8
ESE	.4	.7	.5	.2	.1							2.0	6.9
SE	.4	1.3	1.0	.9	.5							4.1	9.1
SSE	.5	1.3	1.6	.7	.3							4.5	6.4
S	1.1	2.1	2.3	2.4	.1							8.0	6.4
SSW	1.1	1.2	2.3	2.0	.4	.2	.2					7.4	9.8
SW	.5	1.4	3.9	4.0	.9	.1	.2		.1			11.7	11.1
WSW	.7	2.4	5.4	6.5	2.7	.4		.1	.1			16.4	11.8
W	.4	1.2	3.2	3.6	1.7	.4		.1				10.7	12.2
WNW	.7	.1	.3	.4	.1							1.3	12.4
NW	.1	.3		.3	.1	.3						1.2	12.8
NNW	.2	.7	.4	.8	.4	.1						2.6	11.3
VARBL													
CALM												6.1	
	10.7	18.6	25.9	25.4	8.6	1.9	.4	.2	.2			100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

70454
STATION

ADAK NAS AK

STATION NAME

73-82

YEARS

MONTHS

ALL WEATHER

CLASS

1900-1900

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	1.2	1.6	.8							5.8	9.9
NNE	.5	1.3	1.6	.9	.2							4.5	5.6
NE	1.3	1.3	2.4	.7								5.3	7.0
ENE	.7	2.1	1.4	.7								4.3	6.9
E	1.4	.9	.7	.3	.2							3.5	6.1
ESE	.5	.4	.9	.5	.1							2.5	6.0
SE	.3	1.3	1.1	.3	.4							3.5	6.6
SSE	.1	1.1	2.0	1.4	.5							5.1	10.0
S	.4	.9	2.4	2.8	.5	.1						7.2	10.6
SSW	.2	.3	1.6	3.0	.5	.2	.1					6.1	12.2
SW	.1	1.1	3.0	4.9	3.3	.5						12.9	13.5
WSW	.3	1.6	4.6	9.0	2.4	.4	.3	.4				19.1	13.1
W	.2	.5	2.6	5.0	2.5	.3		.1	.1			11.4	13.4
WNW	.3	.1	.2	.2	.1	.1						1.1	9.4
NW	.1	.1	.3	.1								.7	7.7
NNW	.3	.4		1.3	.4	.4						2.9	13.1
VARBL													
CALM												3.7	
	7.1	15.2	26.0	32.8	12.1	2.2	.4	.5	.1			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

521

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74540 STATION ADIAK NAS AK STATION NAME 73-82 YEARS MONTHS 1270-1400
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	1.9	1.5	1.7							4.6	12.7
NNE	.3	1.4	2.0	.6	.3	.1						4.9	8.9
NE	.3	.7	1.5	1.1								3.8	6.7
ENE	.5	3.4	1.9	.4	.2							6.4	6.9
E	.9	2.4	1.3	.7	.1							5.3	6.9
ESE	.5	1.2	1.7	.4	.2	.1						3.5	7.9
SE	.1	.7	1.1	.7	.2							2.9	8.7
SSE	.3	.9	2.9	1.4	.3	.2						6.1	10.3
S	.2	.5	2.6	2.5	1.1	.1						7.1	11.8
SSW	.1	.3	2.1	2.5	.7	.3	.2					6.2	12.9
SW		.4	3.3	4.7	2.0	.9						11.1	13.5
WSW		1.1	4.0	6.3	6.7	1.3	.5	.1				20.1	14.6
W	.4	.3	2.6	5.7	2.7	.9						12.7	13.8
WNW		.1	.3	.2	.1	.1						.9	12.1
NW	.1	.1	.1	.3	.7	.1						1.4	15.0
NNW	.1	.1	.2	1.1	.3							1.9	12.8
VARBL													
CALM												1.0	
	4.1	14.2	28.8	32.3	14.6	4.0	.8	.1				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

704540 ADAK NAS AK 73-82 400
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
CLASS HOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	1.3	2.1	.4		.1					4.6	11.7
NNE	.3	1.5	2.3	1.2	.7							6.3	9.4
NE	.3	1.1	2.3	.9	.2	.1						3.9	9.0
ENE	1.7	1.3	1.3	.2	.1							3.9	6.1
E	1.5	2.6	1.5	.4								6.1	5.7
ESE	.5	1.6	1.2	.5								3.9	6.6
SE	.3	.6	1.2	.4	.2	.1						3.0	6.6
SSE	.2	.7	2.3	1.8	.5	.1						5.6	10.6
S	.1	1.7	2.9	2.0	.3	.2						7.3	9.9
SSW		.7	1.5	2.7	1.0	.5	.3					6.7	13.8
SW		.3	2.2	4.9	1.4	1.0	.1					9.9	13.9
WSW	.2	.9	4.0	7.0	5.4	1.5						19.1	14.3
W	.1	1.4	3.7	4.2	2.6	.7	.2					13.2	13.1
WNW			.5	.5								.8	11.9
NW		.2	.2	.3	.5							1.3	13.6
NNW	.1	.9	1.3	.7	.7	.1						3.7	10.5
VARBL													
CALM												.9	
	5.1	16.2	28.4	29.9	14.4	4.3	.8					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 922

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74540
STATION

ADAK NAS AK

STATION NAME

73-82

YEARS

100
HOURS

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.5	1.0	1.2	.8							5.2	9.4
NNE	1.0	1.0	2.2	.5	.6							5.3	5.4
NE	.9	1.3	1.5	.4	.2							4.3	7.0
ENE	1.2	1.3	.5		.1							3.2	5.1
E	1.7	1.3	.4	.3								3.8	4.6
ESE	.4	.9	.9	.4								2.6	6.9
SE	.3	1.3	.9	.9	.1	.1						3.6	8.8
SSE	.3	1.1	2.3	1.2	.1	.5						5.9	9.8
S	.3	1.9	3.8	1.8	.5	.2						8.6	9.6
SSW	.1	1.0	1.7	2.1	.3	.3		.2	.1			5.8	12.2
SW	.4	1.3	1.8	5.1	1.8	.5	.1					11.1	12.7
WSW	.3	1.3	3.9	7.2	4.2	1.0	.2					18.2	13.6
W	.4	1.5	3.7	5.2	1.3	.4						12.5	11.3
WNW	.2	.5	.5	.3		.1	.2					1.9	11.1
NW		.1	.2	.4								.8	9.6
NNW		.1	.8	1.2	.5							2.6	12.8
VARBL													
CALM												4.4	
	8.9	17.4	26.2	28.3	10.7	3.2	.5	.2	.1			100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 STATION ADAM NAS AK 73-82 MONTH AUG
STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	2.1	1.4								5.3	6.3
NNE	1.0	1.3	.7	1.2	.1							4.3	7.4
NE	1.0	.7	1.1	.2								2.9	5.8
ENE	1.1	.8	.7	.1	.2	.1						2.9	6.8
E	.5	.9	.4	.5	.1							2.7	6.9
ESE	.2	.5	.9	.1								1.7	7.1
SE	.3	1.3	.7	.7	.1							2.9	6.1
SSE	.9	.9	.7	1.6	.1	.1						4.3	9.1
S	.3	2.4	3.3	1.9	.7	.2	.1					8.8	9.6
SSW	.4	1.4	2.4	1.7	.4	.2	.1					6.8	9.9
SW	1.1	1.8	3.1	3.6	1.2	.2	.1	.3				11.7	11.2
WSW	.9	1.7	3.2	7.2	2.6	.5						16.2	12.3
W	.9	1.9	5.2	3.4	1.7	.2						13.3	10.5
WNW	.1	.4	.3	.2	.2	.2	.1					1.6	12.8
NW	.1	.3	.3	.3			.1					1.2	9.5
NNW	.4	.3	.2	.3	.1							1.4	7.6
VARBL													
CALM												11.9	
	10.3	17.7	25.1	24.8	7.6	1.9	.5	.3				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74540 STATION 73-62
ADAK NAS AK STATION NAME YEARS
ALL WEATHER CLASS
ALL HOURS (LST) CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	1.4	1.7	.6	.2	.0					5.3	10.2
NNE	.8	1.2	1.6	.9	.3	.0						4.7	8.1
NE	.8	1.1	1.3	.5	.1	.0						3.9	6.8
ENE	.7	1.3	1.0	.3	.1	.0						3.5	6.8
E	1.0	1.3	.9	.5	.1	.0						3.7	6.6
ESE	.5	.8	.7	.3	.1	.0						2.4	7.0
SE	.3	1.0	1.1	.6	.2	.0						3.3	8.6
SSE	.6	1.0	1.8	1.4	.3	.1						5.1	9.4
S	.6	1.6	3.1	2.2	.4	.2	.0					8.1	9.6
SSW	.6	1.1	2.1	2.2	.5	.3	.1	.1	.0			6.9	11.0
SW	.6	1.2	2.8	4.4	1.8	.5	.1	.1	.0			11.4	12.4
WSW	.4	1.8	4.3	7.3	3.3	.9	.2	.1	.0			18.2	13.0
W	.5	1.2	3.6	4.3	1.9	.5	.1	.0	.0			12.1	12.2
WNW	.2	.3	.4	.4	.1	.1	.0					1.5	10.2
NW	.1	.2	.2	.3	.2	.1	.1					1.1	12.7
NNW	.2	.4	.4	.9	.3	.1						2.4	11.1
VARBL													
CALM												6.4	
	3.5	16.6	26.6	27.9	10.4	2.7	.6	.3	.1			100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 7352

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7.4540
STATION

ADAK NAS AK
STATION NAME

73-82
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-2200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.8	1.2	1.7	.8	.2						7.2	9.2
NNE	.9	1.6	1.1	1.2	.1	.3						5.3	6.8
NE	.5	1.2	1.5	.3	.1							3.7	6.8
ENE	.3	.6	.8	.3								2.3	7.1
E	.5	.6	.9	.6								2.5	7.7
ESE	.2	.3	.2	.2	.1							1.1	7.8
SE	.3	.1	.2	.1								.5	5.7
SSE	.9	1.1	1.4	.2	.1							3.7	6.3
S	1.5	1.9	.8	1.1	.7	1.2		.1				7.4	10.1
SSW	.9	1.8	1.7	1.4	.8	.8	.1	.1				7.4	11.2
SW	.8	1.6	1.9	2.3	.8	.7	.7					8.7	12.2
WSW	.6	2.4	3.6	2.4	1.6	1.2	.1					11.8	11.7
W	.8	2.6	4.1	3.0	1.5	.6	.1					12.6	13.7
WNW	.5	.7	.9	.8	.3	.3	.3					3.9	12.3
NW	.7	.6	1.9	1.1		.1	.1					4.1	9.8
NNW	.8	.5	1.8	1.7	1.1	.7						6.9	11.8
VARBL													
CALM												10.8	
	11.5	19.6	24.0	18.5	8.0	6.0	1.5	.2				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74540
STATION

ADAK NAS AK

STATION NAME

73-82

YEARS

SEP

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.9	2.6	.7	.3						8.4	11.0
NNE	.3	1.6	1.4	1.4	.7	.3						5.7	10.6
NE	.7	.6	1.4	.1								2.9	6.6
ENE	.1	.3	.5	.6								1.5	9.6
E	.1	.7	.8	.6								2.2	8.2
ESE	.2	.7		.3								1.2	6.9
SE	.2	.3	.7	.1	.1							1.5	7.6
SSE	.5	.7	.6	.3		.3						2.4	9.0
S	.9	1.5	1.0	1.6	.6	.3	.2					6.1	10.8
SSW	1.7	1.0	1.9	.9	.8	.2	.5	.1				7.1	10.4
SW	1.0	.9	2.5	2.2	.3	.3	.2					7.9	11.4
WSW	.9	2.7	2.8	3.6	1.6	1.5	.3					13.5	12.2
W	1.2	1.0	4.6	3.6	.9	.8						13.2	10.4
WNW	.5	.5	1.0	.1			.5					2.5	11.0
NW	.6	.5	.7	1.4	.6	.2						3.9	10.9
NNW	1.0	.2	2.5	1.9	.6	.7						6.5	11.6
VARBL													
CALM												13.5	
	11.0	16.1	23.8	21.3	6.8	5.6	1.7	.1				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

682

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7 4540 STATION NAME ADAK NAS AK YEARS 73-82 MONTH SEP
CLASS ALL WEATHER HOURS (L.S.T.) 0600-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	2.0	2.0	.8	.3						6.5	10.2
NNE	1.1	1.7	1.6	2.0	.4	.1						7.0	8.9
NE	.3	1.1	1.2	.8	.2							3.7	8.6
ENE		.5	.7	.3	.1							1.7	9.1
E	.6	.4	.8	.4	.1							2.4	8.0
ESE	.3	.2	.6	.1								1.2	6.5
SE	.3	.6	.3	.3	.1							1.7	7.3
SSE	.7	1.0	.9	.4	.4	.2	.2					3.9	10.6
S	.3	1.3	1.1	2.0	1.1	.2	.2	.1				6.7	11.4
SSW	1.1	.7	.9	.8	.4	.2	.1	.2				4.5	10.8
SW	.6	2.6	2.4	2.0	.7	.9	.7	.1				9.9	11.9
WSW	.9	1.8	3.3	3.0	.6	1.6	.2					11.7	11.8
W	1.1	1.5	4.6	3.9	.3	.2	.3	.1				12.1	10.5
WNW		.7	1.1	.6	.3	.3	.2	.1				3.4	13.6
NW	.2	.4	.6	.8	.6	.1						2.7	11.0
NNW	.2	1.0	1.9	1.1	1.8	.3						6.4	12.2
VARBL													
CALM												12.5	
	9.3	17.2	23.9	21.6	8.4	4.4	2.0	.7				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7.4540
STATION

ADAK NAS AK

STATION NAME

73-82

YEARS

SEP
MONTH

ALL WEATHER
CLASS

1900-1999
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.2	3.9	5.3	1.2							12.3	10.9
NNE	.5	1.5	2.0	.9	.6	.5	.1					6.2	10.2
NE	1.1	2.3	1.7	1.0	.1							6.2	7.5
ENE	.5	1.2	1.2	.6	.1							3.6	7.3
E	.7	.8	.5	.6								2.5	7.1
ESE	.5	.6	.5	.3								1.9	6.4
SE	.6	.3	.3	.3	.1	.1	.1					1.9	9.7
SSE	.3	1.0	1.7	.8	.1	.1	.1					4.2	9.6
S	1.2	1.2	1.8	2.4	.3	.3		.1				7.5	10.2
SSW	.5	.2	1.5	1.4	.5	.5	.3					4.8	13.6
SW	.3	1.0	1.8	2.9	1.7	1.2	.5					9.5	14.4
WSW	.2	1.2	4.6	4.8	1.9	.9	.2	.1				14.2	12.8
W		1.6	2.8	4.2	1.9	.3	.3					11.2	12.7
WNW		.1	.6	.8	.2	.1	.1	.2				2.2	16.4
NW		.3	.5	.8	.6							2.2	12.3
NNW		.5	1.7	1.9	1.4	.7	.1					6.2	14.1
VARBL													
CALM												3.7	
	7.1	15.2	27.1	29.0	10.8	4.8	1.9	.5				120.2	11.2

TOTAL NUMBER OF OBSERVATIONS

683

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 ADAK NAS AK 77-82 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER 1000-1400
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	3.0	5.2	2.4	.3						13.2	12.5
NNE	.1	.2	1.9	1.1	.6	.1						4.7	10.7
NE	.5	2.7	1.6	.6	.2	.1						5.1	7.3
ENE	.6	2.8	2.4	.6	.2							7.1	7.0
E	.3	1.2	.6	.4	.5	.1						3.3	9.4
ESE	.7	.5	.9	.1								1.5	7.1
SE	.1	.3	.6	.2	.3							1.6	10.6
SSE		.7	1.7	.6	.7	.1	.1					3.5	11.9
S	.1	.7	3.2	2.9	2.7	.3	.2					9.2	13.3
SSW	.7	.2	1.2	.7	.3	.5						3.2	12.2
SW	.1	.1	1.2	.6	1.0	1.2	.7	.3				6.3	17.0
WSW		.6	3.5	5.5	2.7	.6	.7	.1				13.1	13.5
W		1.7	2.6	4.8	1.6	1.2	.2	.3				11.8	14.6
WNW		.7	1.0	1.9	.6	.2	.2					4.2	14.2
NW		.1	.3	1.2	.3	.5						2.5	14.9
NNW		.3	1.5	3.0	1.4	.2						6.4	13.8
VARBL													
CALM												.0	
	2.5	12.7	28.4	33.0	14.2	5.0	1.7	.9				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 688

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4540 ADAP NAS AK 77-67 YEARS 000 NORTH
ALL-WEATHER CLASS 1500-1700 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.3	4.4	5.2	1.8	.6						13.5	12.1
NNE	.2	1.0	1.3	.8	.1	.2						4.5	6.8
NE	.2	1.2	2.2	.8	.1							4.5	6.2
ENE	.4	1.2	2.4	.6								4.5	7.4
E	.4	1.0	.2	.3	.2	.1						3.1	7.3
ESE	.3	.7	.6	.9								2.5	6.3
SE	.2	.6	1.7	.1	.1							2.7	7.7
SSE	.1	1.2	1.5	.2	.2	.1						3.4	6.5
S	.1	.0	2.6	2.5	.0	.6	.1					7.3	12.9
SSW			1.6	1.1	.6	.3	.2					3.3	14.6
SW		.3	1.8	2.8	1.7	1.1	.2	.4				8.4	16.3
WSW		.6	4.5	4.8	2.4	.7	.2					13.1	13.3
W		.7	4.3	4.4	2.7	.9	.4	.2				13.5	14.4
WNW	.2	.2	.8	1.2	.4	.2	.1					3.3	13.1
NW	.2	.4	1.2	1.2	.1	.4						3.7	11.4
NNW	.1	.1	2.4	2.9	1.5		.1					7.2	12.1
VARBL													
CALM												.5	
	2.9	13.4	33.4	29.9	12.4	5.2	1.5	.7				100.2	11.9

TOTAL NUMBER OF OBSERVATIONS 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7.4540 ADAK NAS AK 73-82 SEP
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1973-1979
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	N	MEAN WIND SPEED
N	1.3	3.5	3.4	3.2	.9	.1						12.4	9.1
NNE	.4	1.0	.7	.9	.7							4.6	9.2
NE	1.1	.7	1.5	.2								4.0	6.3
ENE	.6	1.0	1.8	.3								3.7	6.9
E	.2	1.2	.4	.1								2.1	5.5
ESE	.2	1.2	.2	.4	.1							2.2	7.1
SE	.6	.9	.6		.1							2.1	5.6
SSE	.2	.9	.9	.4								2.5	7.1
S	.3	1.0	1.8	2.1	1.1	.9	.1					8.2	12.0
SSW	.7	.6	1.5	1.1	.1	.1						4.3	9.4
SW	.5	1.5	2.5	3.7	1.3	1.3	.2	.1				11.0	13.4
WSW	.2	1.3	3.1	2.5	1.1	.7	.2					9.3	12.2
W	.6	2.0	4.1	3.2	1.5	1.1	.4					13.0	12.2
WNW	.7	.5	.6	1.1	.3	.1	.1					3.4	10.0
NW	.3	.2	1.6	.8	.6	.1						3.6	15.7
NNW	.9	1.6	2.5	2.7	.9	.4						8.9	10.5
VARBL													
CALM												5.0	
	3.6	21.1	27.5	22.9	8.7	4.8	1.1	.1				170.0	9.9

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

70454 STATION ADAP NAS AK STATION NAME 73-62 YEARS SEP MONTH 2100-2300 HOURS (LST)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.0	1.5	1.8	.9	.2						7.5	9.5
NNE	1.2	1.5	1.6	1.1	.2	.3						5.9	8.7
NE	.6	1.0	1.2	.1								2.9	5.1
ENE	.3	.5	1.2	.2	.1							2.7	7.4
E	.3		1.7	.2								1.6	8.0
ESE	.5	.6	.7	.3								2.1	6.6
SE	.7	.7	.4	.2								2.0	5.7
SSE	.6	1.1	.7	.2	.1							2.6	6.7
S	1.0	1.9	1.2	1.7	1.6	.6						6.0	11.2
SSW	.4	.0	1.2	1.2	.2	.7	.1					4.8	11.3
SW	1.0	1.3	3.0	2.2	1.2	.9	.2					10.3	11.3
WSW	1.0	3.1	3.1	3.4	.7	1.3	.1					12.3	10.6
W	.0	1.9	2.6	2.7	.3	.6	.1	.1				9.2	10.4
WNW	.7	.6	.7	.7	.3	.2						3.1	9.9
NW	.6	.8	1.7	.9	.4	.1	.1					4.5	10.1
NNW	.7	1.0	2.4	2.4	1.3	.4						8.2	11.4
VARBL													
CALM												11.4	
	11.4	19.1	25.0	19.4	7.5	5.4	.7	.1				120.2	6.8

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 ADAX NAS AK 73-82 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS ALL
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.5	2.8	3.5	1.2	.3						10.3	10.6
NNE	.5	1.5	1.4	1.2	.4	.2	.0					5.5	9.5
NE	.5	1.3	1.6	.5	.1	.0						4.2	7.2
ENE	.4	1.1	1.4	.5	.1							3.4	7.4
E	.4	.5	.7	.4	.1	.0						2.4	7.7
ESE	.2	.6	.5	.4	.0							1.3	7.1
SE	.4	.5	.6	.2	.1	.0	.0					1.8	7.6
SSE	.4	.9	1.2	.4	.1	.1	.1	.0				3.2	8.6
S	.2	1.4	1.7	2.0	1.0	.5	.1	.0				7.6	11.6
SSW	.7	.7	1.4	1.1	.5	.4	.2	.1				5.0	11.5
SW	.5	1.2	2.2	2.7	1.2	1.0	.4	.1				9.4	13.4
WSW	.5	1.3	3.6	3.7	1.5	1.1	.2	.0				12.4	12.3
W	.6	1.6	3.7	3.7	1.3	.7	.3	.1				12.1	12.0
WNW	.3	.4	.9	.9	.3	.2	.2	.0				3.2	12.6
NW	.3	.4	1.1	1.0	.4	.2	.0					3.4	11.1
NNW	.5	.9	2.0	2.2	1.2	.4	.0					7.1	12.1
VARBL													
CALM												7.3	
	5.0	16.8	26.6	24.4	9.6	5.2	1.5	.4				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 7127

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 4540 STATION 73-82 001
ADAK NAS AK STATION NAME YEARS
ALL WEATHER CLASS 0000-0000
CONDITION HOURS (L E Y)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	2.1	2.7	.7							7.9	9.3
NNE	.7	.9	1.3	1.5	.5	.2						5.1	10.6
NE	.1	.1	.1	.1	.4	.2						1.7	14.5
ENE		.7	.4	2.3	.9	.1						4.2	12.8
E		.2	.8	1.0	.7		.1					2.3	12.1
ESE	.3	.5	.2	.5								1.6	7.1
SE	.2	.1	.2	.3								.9	6.4
SSE	.2	.4	.8	.6	.4	.2	.1					2.9	12.3
S	.3	.9	1.2	.9	.7	.3	.1	.1				4.9	13.3
SSW	1.2	.3	.2	1.5	.4	.9	.4	.1	.1			5.1	14.2
SW	1.0	.4	1.8	1.8	1.4	1.2	1.7					9.0	15.3
WSW	1.1	2.7	2.7	2.6	1.4	.7	.1		.2	.1		11.6	11.8
W	1.2	4.1	3.3	2.6	1.1	.5	.5	.4				13.8	11.0
WNW	.5	1.3	1.7	.9	.8	.3	.4	.2				6.2	12.8
NW	1.2	.9	1.8	1.7	.7	.1						6.4	9.3
NNW	.1	1.0	2.1	1.8	.4	.3	.2					6.0	11.7
VARBL													
CALM												10.5	
	9.3	16.4	20.6	23.2	9.9	5.5	3.4	.9	.3	.1		100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

14540 STATION ADRAK NAS AK STATION NAME 73-82 YEARS 967 NORTH
ALL WEATHER CLASS 0330-0500 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.5	1.3	2.2	1.0							7.3	9.3
NNE	.2	.5	1.6	1.4	.9	.1						5.1	11.3
NE	.2	.1	1.1	.7	.4							2.5	10.9
ENE	.4	.2	.7	1.7	.5							3.6	11.8
E	.3	.1	1.4	.8	.1	.2						3.6	9.2
ESE	.1	.1	.3	.2								.8	8.4
SE	.4		.1									.5	3.4
SSE	.2	.2	.5	1.0	.1		.1					2.5	10.2
S	.2	1.0	1.2	1.7	.5	.7	.3	.1				5.9	13.1
SSW	1.2	.4	.7	.3	.5	.7	.5	.1	.1			5.3	13.0
SW	1.1	1.1	1.7	2.4	1.7	1.2	.7			.2		10.1	14.3
WSW	.3	1.6	2.3	2.8	1.5	.9		.3	.1			11.9	11.7
W	1.1	3.1	2.1	2.6	.9	.8	.3	.3				11.1	11.3
WNW	.9	1.1	2.0	1.1	.3	.2	.1	.2				5.9	10.5
NW	.1	1.1	2.2	1.3	.4	.3						5.5	10.5
NNW	.2	.2	2.1	2.3	.0	.5						6.8	12.2
VARBL													
CALM												11.6	
	11.1	14.4	21.3	22.6	9.9	5.6	2.1	1.1	.2	.2		100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4542 AOK NAS AK STATION NAME 73-62 YEARS 31
CLASS ALL WEATHER MONTHS 1600-2800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.0	1.6	1.6	.8	.2	.1					7.5	9.2
NNE	.7	1.1	1.9	1.9	.8	.5						6.5	11.0
NE	.4	.3	.8	.5	.8							2.3	11.0
ENE	.4	.2	.3	1.1	.1	.1						2.3	11.5
E	.2	.3	.3	.0	.1	.2						2.1	11.5
ESE	.1	.2	.4	.6								1.5	10.2
SE	.1	.2	.1	.2	.1							.5	9.3
SSE	.5	.4	.9	.3	.2	.1		.2				2.3	11.7
S	1.1	1.1	1.2	1.3	.5		.4	.1				5.3	11.1
SSW	.3	.7	.8	.6	1.0	.5	.4	.4				4.9	16.1
SW	1.2	1.1	1.0	2.2	2.2	1.6	.4	.2				9.7	15.2
WSW	1.0	1.0	3.1	2.0	1.0	.7	.3	.2				10.3	12.5
W	1.3	1.9	3.5	2.1	1.7	1.3	.2	.1		.1	.1	12.2	12.3
WNW	.5	1.1	.9	.5	.5	.4						4.0	10.3
NW	.1	1.7	2.6	.7	1.0	.2						6.3	10.1
NNW	.5	.7	1.6	2.7	1.0	.2						6.8	11.6
VARBL													
CALM												13.4	
	9.7	14.7	20.9	19.5	11.4	6.2	2.0	1.4		.2	.1	100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

74540 ADAN NAS AK 77-62 007
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1900-1970
HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.2	2.5	3.7	.8	.7						10.9	9.8
NNE	.7	.2	2.0	1.5	.9	.9						6.2	12.1
NE	.7	1.7	.8	1.7	.5	.1						3.7	10.3
ENE	.7	1.7	.6	1.2	.4	.1						3.9	10.1
E	.4	.1	.4	1.1		.7						2.3	10.6
ESE	.7	.3	.3	.6	.1							1.7	9.8
SE	.4	.7	.9	.4								2.4	7.2
SSE	.7	1.2	.8	.3	.4							3.5	8.1
S	.7	.7	1.8	1.1	.9	.7		.1	.1	.1		5.9	12.5
SSW	.7	.2	1.1	1.7	.7	.3		.2		.1		4.1	13.8
SW		.7	2.0	2.6	2.1	1.4	.7	.5	.1	.1		10.2	17.8
WSW	.8	.8	2.6	3.8	1.3	1.8	.5	.2				11.9	14.5
W	.4	1.7	3.4	3.6	1.2	.8	.1	.1		.1	.2	11.8	13.3
WNW	.1	.9	1.2	.9	1.0	.5						4.6	13.0
NW	.1	1.2	1.7	.8	.5	.2	.2	.1				4.9	11.6
NNW	.3	.9	1.6	2.4	1.2	.4						6.9	12.1
VARBL													
CALM												5.3	
	6.3	15.5	23.9	26.1	11.6	7.4	1.5	1.3	.2	.4	.2	100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 919

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74540 ADAK NAS AK STATION NAME 73-82 YEARS 267 NORTH
CLASS ALL WEATHER 1200-1400 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.5	3.5	4.8	2.7	.5						11.7	12.6
NNE	.1	1.1	1.4	1.6	.4	.2						4.9	10.8
NE		1.7	1.4	.5	.1	.2						3.6	9.3
ENE	.4	1.1	1.9	1.5	.8	.1						5.8	15.4
E	.1	.9	.9	.4	.4	.1						2.8	9.8
ESE		.7	.7	.3								2.1	7.3
SE	.1	.3	1.3	.7	.1	.2						2.7	15.7
SSE	.1	.4	1.7	1.0	.1	.1						3.5	5.9
S	.1	.2	1.5	.8	.5	.1		.1				3.9	11.5
SSW		.4	.1	1.4	.0	.7	.4	.2				4.2	18.2
SW	.1	.3	1.1	3.1	2.5	2.1	.9	.2				10.2	15.1
WSW	.2	1.0	1.9	3.6	2.1	1.7	.5	.2				11.6	15.4
W		.2	3.5	4.6	2.1	1.3	.3	.4		.2		12.9	15.4
WNW	.1	.4	1.6	1.6	.7	.4	.1					5.0	12.9
NW		.0	1.0	1.0	1.1	.5						5.0	13.7
NNW	.2	.5	2.1	4.0	1.1	.2						8.2	12.6
VARBL													
CALM												1.9	
	2.6	10.7	25.5	32.1	14.9	8.6	2.3	1.2		.2		100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 515

U.S. AIR FORCE
CLIMATE DIVISION
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4540 ADAM NAS AK YEARS 73-82

STATION NAME YEARS

ALL WEATHER

CLAS

CONDITON

1500-1700

NOBS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	4.0	4.4	1.3	.2						11.6	11.5
NNE	.1	.4	2.1	1.3	.3	.2						4.5	11.0
NE	.3	1.2	1.7	1.2	.3	.1						4.9	9.6
ENE	.4	1.0	1.6	1.2	.5							4.8	9.4
E	.7	.6	1.2	1.1	.4	.3						4.5	10.6
ESE	.1	.5	.3	.3								1.3	7.4
SE	.7	.8	.9	.7		.1						3.1	9.0
SSE	.2	.8	1.5	.3		.1						3.2	8.2
S		.7	1.4	.6	.2	.1						3.3	9.9
SSW	.7	.3	.2	1.1	.8	.1	.3	.3				3.4	17.5
SW	.1	.7	1.9	3.5	1.7	2.0	.2	.3		.1		10.5	16.5
WSW	.1	1.2	3.3	4.4	1.7	1.4	.3					11.7	13.2
W	.1	1.7	1.7	3.6	3.4	.7	.9	.3				12.5	15.4
WNW	.1	.7	1.3	1.7	.4	.5	.1	.1				5.2	12.8
NW	.3	.7	2.1	1.5	.8	.7	.1					5.8	11.5
NNW	.1	.3	2.7	3.7	1.7	.2	.1					9.0	13.1
VARBL													
CALM												1.1	
	3.6	13.8	28.1	37.5	13.8	5.9	2.1	1.1		.1		100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVIC./MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4540 STATION NAME ADAK NAS AK YEARS 75-82 MONTH DEC
CLASS ALL WEATHER 1900-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.4	2.8	3.0	1.5	.1						11.7	10.5
NNE	.7	.0	3.0	1.3	.3	.1						6.7	9.6
NE	.3	.7	.9	1.2	.3	.4						3.9	11.3
ENE	.4	.0	.4	1.5	.4							3.7	10.2
E	.4	.5	1.3	1.4	.4	.1						4.2	10.6
ESE	.2	.1	.4									.9	5.4
SE	.7	.2	.3	.3	.1							1.3	13.2
SSE	.1	.4	1.1	.4	.5	.1						2.7	11.6
S	.2	.7	.9	1.1	.1	.3						3.4	10.8
SSW	.4	.0	.8	1.4	.2	.4	.1					4.2	11.4
SW	.7	1.2	2.1	2.1	.3	1.1	.5	.2	.1	.1		8.4	14.5
WSW	1.1	1.4	2.2	2.4	1.7	1.3						12.1	12.3
W	.5	3.5	3.0	2.3	1.8	1.1	.5	.4		.1		13.4	12.9
WNW	.3	1.5	1.5	1.1	.5	.2	.3	.1	.1			5.8	12.2
NW	.2	.5	2.0	2.0	1.4	.1	.1					6.3	12.3
NNW	.7	1.2	2.0	3.7	.7	.3	.1					8.6	11.3
VARBL													
CALM												5.5	
	7.1	17.3	24.5	26.1	10.7	5.9	1.7	.8	.2	.2		102.2	11.1

TOTAL NUMBER OF OBSERVATIONS 921

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 14540 ADAN NAS AK STATION NAME 73-62 YEARS OCT MONTH
ALL WEATHER CLASS 2100-2300 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	.0	1.3	2.1	2.7	.0	.1	.2					6.3	12.9
NNE	.4	1.2	2.4	2.2	.7	.2						7.0	10.5
NE	.1	.4	.4	.5	.3	.2						2.1	11.6
ENE	.0	.4	.3	2.0	1.2	.3						4.6	13.9
E	.1	.4	1.3	.5	.1							2.9	9.4
ESE	.1	.4	.2	.1								.9	6.0
SE	.1	.2	.2		.1	.3						1.0	12.6
SSE	.0	.5	.7	.4	.4	.1						2.5	9.9
S	.7	1.0	1.1	1.2	.9	.2	.2	.2				5.3	12.3
SSW	1.3	.7	.4	.4	.7	.5						3.6	9.2
SW	1.1	.7	1.7	2.6	1.7	1.7	.4	.1	.1			10.3	14.9
WSW	.7	2.3	2.6	2.6	1.2	.7	.2	.2				10.4	11.7
W	.9	2.6	3.3	2.6	.8	1.3	.8	.4	.1			12.7	13.3
WNW	.7	1.2	2.4	1.4	.4	.2	.1	.4	.1			6.9	12.2
NW	.7	1.2	2.0	1.0	.9							5.5	9.4
NNW	.7	.9	2.0	3.0	.7	.1						7.3	10.7
VARBL													
CALM												9.2	
	4.7	15.6	23.0	23.6	10.2	6.1	2.0	1.4	.3			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 523

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74540 STATION ADAR NAS AK STATION NAME 73-82 YEARS 261 MONTH
ALL WEATHER CLASS ALL HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.7	2.5	3.3	1.1	.2	.0					9.6	10.6
NNE	.4	.9	2.7	1.6	.6	.3						5.7	10.9
NE	.2	.7	.9	.8	.4	.2						3.2	10.7
ENE	.4	.7	.8	1.6	.6	.1						4.1	11.2
E	.7	.5	1.0	.6	.7	.1	.0					3.1	10.4
ESE	.7	.4	.4	.4	.7							1.3	7.9
SE	.3	.3	.5	.3	.1	.1						1.6	9.2
SSE	.4	.6	1.0	.6	.3	.1	.0	.0				2.9	10.2
S	.4	.9	1.3	1.1	.5	.3	.1	.1	.0	.0		4.8	12.0
SSW	.7	.6	.5	.9	.6	.5	.3	.2	.0	.0		4.8	14.2
SW	.6	.8	1.6	2.5	1.7	1.8	.6	.2	.0	.1		9.8	15.9
WSW	.9	1.6	2.6	3.0	1.5	1.1	.3	.1	.0	.0	.0	11.2	12.9
W	.7	2.4	3.0	3.0	1.6	1.0	.5	.3	.0	.1	.0	12.5	13.1
WNW	.4	1.0	1.6	1.2	.5	.4	.1	.1	.0			5.4	12.1
NW	.3	1.0	1.9	1.3	.8	.2	.1	.0				5.7	11.0
NNW	.4	.8	2.0	3.0	1.0	.3	.1					7.4	12.0
VARBL													
CALM												7.3	
	7.3	14.8	23.5	25.5	11.6	6.4	2.1	1.1	.2	.2	.0	100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 7350

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 4540 STATION ADAK NAS AK STATION NAME 77-82 YEARS NCV NORTH
ALL WEATHER CLASS 000-0200 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	2.2	.8	1.2	.4	.1					7.2	12.9
NNE	.2	.7	1.7	1.6	.6	.2	.4	.2				5.7	14.2
NE	.1	.2	.6	1.2	.2	.2						2.8	12.3
ENE		.1	.1	.9	.6	.8	.2					2.8	17.8
E	.4	.4	.4	.4	.2	.1						2.1	9.1
ESE													
SE		.3	.3	.7	.2	.1						1.5	12.1
SSE	.1	.7	1.2	.6	.3		.2	.3				3.5	14.4
S	.3	.8	1.3	1.3	.7	1.5	.1	.2				6.7	14.1
SSW	.6	1.3	1.7	1.2	1.1	1.5	.6	.3				9.0	15.2
SW	1.0	.6	1.7	2.7	1.9	1.2	.8	.4	.1			10.8	15.6
WSW	1.0	1.8	2.9	3.5	2.4	1.6	.3					13.8	13.3
W	.6	2.1	2.2	2.5	1.7	2.5	.4	.1				11.7	14.4
WNW	.8	1.2	1.3	1.0	1.0	.8		.2	.1			6.5	13.0
NW	.3	.5	.8	1.1	1.0	.4	.1					4.6	13.0
NNW	.4	.7	1.2	1.7	.7	.6						4.6	12.3
VARBL													
CALM												7.7	
	7.5	13.5	19.3	20.4	13.8	12.2	3.5	1.9	.2			100.3	12.7

TOTAL NUMBER OF OBSERVATIONS 802

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4540 ADAK NAS AK STATION NAME 73-62 YEARS NOV
 ALL WEATHER CLASS 0300-0500
 HOURS (L & T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	1.3	1.5	1.2	.4						6.6	11.1
NNE	.3	.2	1.8	1.3	.9	.6	.4	.2	.1			6.2	16.3
NE	.1		1.2	.8								2.1	10.4
ENE		.2	.8	.6	.4	.6	.1					2.7	15.0
E		.2	.7	.8	.2							2.1	10.8
ESE	.2	.1	.1	.3								.8	7.7
SE			.1	.6	.2							1.1	13.6
SSE	.1	.3	.8	.9	.2	.3	.2					2.9	13.4
S	.3	1.2	1.1	1.9	1.7	1.2	.6	.3				7.7	15.4
SSW	.2	.8	.7	1.1	.8	1.6	.8	.6		.1		7.3	17.6
SW	.7	.7	1.6	2.1	2.2	1.3	.9	.4	.3	.2		10.2	18.0
WSW	.6	1.3	2.4	4.5	1.8	1.7	.2	.1				12.1	14.0
W	.9	1.5	3.2	2.2	1.5	.7	1.0	.1				11.1	13.2
WNW			1.5	1.1	1.8	.2	.1	.3				6.0	14.3
NW	.1	.6	.6	1.2	.9	.3	.1					4.0	13.6
NNW		.7	1.0	1.8	.9	.9	.1					6.2	13.6
VARBL													
CALM												10.9	
	4.9	11.1	19.4	22.5	14.7	9.9	4.6	2.1	.4	.3		100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4540 STATION NAME ADAK NAS AK YEARS 73-82 MONTH NOV
CLASS ALL WEATHER HOURS 0600-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.6	1.8	2.1	1.0	.7						7.7	11.3
NNE		.0	1.7	1.5	1.1	1.2	.2	.2	.1			6.9	15.5
NE	.0		.7	1.1	.4	.2	.1					2.5	14.1
ENE		.0	.3	.7	.3	.1	.3					2.1	15.4
E	.0	.2	.7	.8								1.9	9.6
ESE		.0	.3	.3	.3							1.2	12.0
SE	.0	.4	.2	.6	.2	.1						2.1	11.5
SSE	.0	.4	.4	1.3	.2	.9	.4					4.1	15.3
S	.0	.7	1.1	1.5	.6	1.3	.3	.1	.1			6.7	16.0
SSW	1.5	1.0	1.3	.8	.8	1.1	.4	.1				6.9	13.4
SW	1.3	.4	2.0	2.8	1.9	1.3	1.1	.6	.2			11.9	17.3
WSW	.5	.7	2.1	3.8	1.4	1.5	.7			.2		11.5	15.2
W	.5	1.0	2.1	2.5	1.6	1.0	.8	.2				9.9	14.5
WNW	.4	.4	.9	1.6	.4	.4						4.5	11.3
NW	.1	.7	1.3	1.6	.6	.7	.1					5.0	13.0
NNW	.4	.1	1.5	1.6	.3	.9						4.8	15.2
VARBL													
CALM												9.7	
	7.4	9.5	18.5	24.7	11.6	11.9	4.6	1.2	.4	.4		100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4840 STATION NAME ADAK NAS AK YEARS 73-82 MONTH NOV
ALL WEATHER CLASS 1980-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.1	1.6	1.8	.6	.3	.2	.1				6.3	12.1
NNE	.2	.2	1.5	2.9	1.7	.2	.1	.5				7.9	14.5
NE	.2	.2	.6	1.7	.2	.2	.2					2.5	14.5
ENE		.2	.2	.6	.2	.1		.3				1.9	17.2
E	.1	.2	.7	.6	.3							1.9	11.1
ESE	.1	.2	.3	.6	.2	.1						1.9	12.5
SE	.2	.2	.1	.3	.6	.2						1.7	13.4
SSE	.1	.2	.8	1.0	.6	.9						4.2	13.5
S	.2	1.1	1.5	2.2	.9	1.1	.5	.1	.2			7.9	15.5
SSW	.7	1.2	.8	1.4	1.2	.2	.7			.1		5.9	14.2
SW	.2	.2	1.4	3.3	2.6	1.9	1.1	.3				12.5	17.8
WSW	.2	.4	1.6	3.7	2.9	1.9	.2	.2				11.3	16.2
W	.2	.7	2.6	1.6	1.7	1.7	.8	.1				11.3	14.5
WNW	.2	1.2	1.7	1.9	.9	.5	.1					6.6	11.5
NW	.2	.2	1.1	1.5	.3	.1						3.5	11.2
NNW		.2	1.5	1.4	.3	1.1	.2					4.9	14.9
VARBL													
CALM												7.4	
	4.2	9.7	19.1	20.6	15.1	10.5	4.2	2.2	.2	.1		100.2	13.5

TOTAL NUMBER OF OBSERVATIONS 692

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4540 ADAK NAS AK STATION NAME 73-82 YEARS NOV NORTH
ALL WEATHER CLASS 1950-1959 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7	1.4	1.5	.7	.5	.3					5.7	12.4
NNE	.1	.7	1.1	2.6	1.7	.5	.2	.2				5.7	14.6
NE		.7	.3	.9	.1		.3	.2				2.5	14.9
ENE	.2		.6	1.1	.2	.1	.2		.1			3.4	12.9
E	.1	.7	1.1	.5	.2	.5						3.0	11.2
ESE		.1	.2		.1	.3						.8	15.7
SE		.2	.1	.5	.7	.5	.1					2.3	16.2
SSE	.1	.7	.6	1.7	.8	.1						3.8	12.9
S	.5	1.4	2.1	1.7	1.7	.5	.7	.2				8.8	14.1
SSW	.6	.7	1.5	1.4	1.0	.5	.5	.1				6.1	15.4
SW	.2	.7	1.9	1.2	2.8	2.4	1.7	.5	.4			17.1	20.5
WSW	.3	.7	2.9	2.8	2.8	2.9	.2	.2				13.2	15.5
W	.7	1.1	2.3	4.8	1.5	1.9	.8	.2				12.9	15.4
WNW	.1	.5	.8	1.6	1.6	.3	.2					5.0	13.4
NW	.1	.7	2.4	1.8	.9	.6						6.3	12.3
NNW		.1	1.4	2.3	.5	.5	.3					5.4	15.5
VARBL													
CALM												2.1	
	1.2	11.3	20.4	25.7	16.7	12.7	5.1	1.8	.7			100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 687

GLOBAL CLIMATOLOGY BRANCH
AFETAC
4. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 4340 STATION 7-82 YEARS NORTH
ADAK NAS AK STATION NAME
ALL WEATHER CLASS
CONDITION

1977-1979
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.5	1.5	1.6	.6	.7	.3					6.4	12.0
NNE	.1	.7	1.9	1.8	1.6	.7	.2	.1				6.9	13.6
NE	.4	.4	.4	.7	.1	.7						2.8	12.7
ENE	.2	.7	.8	.9	.7	.1	.3	.2				3.9	14.2
E	.7	.6	.7	.7	.3							2.6	9.9
ESE		.1	.1	.4			.2	.1				1.1	16.5
SE	.2	.7	.1	.4	.2	.2	.1					2.1	11.9
SSE	.3	.9	.4	1.1	1.0	1.3	.3					5.2	15.3
S	.7	1.6	1.6	1.6	.6	.7	.8	.3	.1			7.9	14.0
SSW	.2	.7	.7	1.5	1.2	.7	.7	.1		.1		6.2	17.0
SW	.7	.6	2.6	2.1	1.9	2.2	.7	.4	.1			11.4	16.5
WSW	.4	.4	2.1	3.4	2.2	2.1	1.7	.1				11.8	16.5
W	1.1	1.2	2.9	3.9	3.3	1.6	.6	.1				14.7	14.0
WNW	.1	.7	1.9	1.3	.7	.6	.1					5.3	12.6
NW	.2	.7	.6	1.3	.4	.7						3.9	12.9
NNW	.7	.4	1.7	2.4	.3	.4	.1	.2				6.2	12.6
VARBL													
CALM												1.8	
	6.1	12.1	19.9	25.2	15.2	12.7	5.5	1.8	.2	.1		100.2	14.5

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4540 ADAN NAS AK STATION NAME 73-82 YEARS NOV
MONTH
CLASS ALL WEATHER 1500-2000
HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	1.3	1.7	.8	.7	.4					6.5	12.1
NNE	.1	.7	1.9	1.9	1.5	.7	.6					7.3	14.5
NE	.3	.7	.3	.7	.3	.7						2.2	12.1
ENE	.1	.7	.7	.7	.4	.6	.1	.1				3.2	14.7
E	.7	.3	.6	.6	.2	.1						2.3	15.8
ESE	.7	.3	.2	.3								1.0	8.1
SE	.2	.3	.7	.6	.1	.1		.1		.2		2.0	16.4
SSE	.1	.4	.6	1.6	1.3	.2	.1	.2				4.3	15.2
S	.6	1.1	1.6	1.1	1.3	.7	.6	.1		.1		7.2	14.3
SSW	1.0	.8	.6	.6	.6	1.1	.6	.1		.1		5.6	15.4
SW	.3	.7	1.3	2.2	2.1	1.2	.6	.2	.1	.2		9.2	17.2
WSW	.8	1.3	2.6	2.8	2.9	1.5	.8	.1				12.8	14.5
W	.9	2.1	3.4	2.8	2.5	1.7	1.3					14.6	14.0
WNW	.8	.6	1.0	1.2	.9	.4	.2	.2				5.4	13.7
NW	.7	.4	1.0	1.6	.9	.3	.1					4.7	13.0
NNW	.5	.2	1.6	1.6	.9			.1				4.9	11.7
VARBL													
CALM												5.4	
	6.9	12.1	18.9	21.4	17.1	9.5	5.4	1.3	.1	.7		100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 693

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74540 ALOAK NAS AK STATION NAME 73-82 YEARS 1961-1962 MONTHS 12-24-62
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6	1.7	.8	.7	.5						4.5	11.7
NNE	.1	.2	1.6	2.6	1.0	.5	.3					6.9	14.0
NE		.2	.8	1.1		.2	.2					2.8	13.0
ENE	.1	.2	.7	1.0	.6	.5						3.0	13.9
E	.5	.7	1.0	.8	.2	.1						3.3	9.7
ESE	.1	.1	.2		.2	.1	.1					.9	15.1
SE			.3	.1	.1	.2		.1				.9	16.1
SSE	.2	.5	.9	1.4	.1	.5	.1	.2	.1	.1		4.2	15.6
S	.8	1.1	.7	.9	.9	1.0	.8	.1				6.3	15.2
SSW	.7	1.4	.7	1.6	1.6	1.1	.5					7.3	14.3
SW	.7	1.4	2.0	2.4	1.4	1.5	.2	.1		.1		9.7	14.0
WSW	.7	1.7	1.9	3.2	2.3	2.1	.6	.3	.1			12.9	15.3
W	1.1	1.0	2.5	2.3	1.0	1.7	.8	.1	.1			12.3	14.0
WNW	.1	1.1	1.2	1.1	1.4	.9	.1	.1	.2			6.3	15.2
NW	.5	.9	1.5	2.6	.8	.5	.1					6.8	12.4
NNW	.0	.6	.8	.0	.6	.5						4.1	11.0
VARBL													
CALM												7.9	
	6.7	12.6	18.7	22.9	13.5	12.0	3.6	1.1	.6	.2		100.2	12.8

TOTAL NUMBER OF OBSERVATIONS 897

U.S. NATIONAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7454 STATION 73-82 ADJAK VAS AK STATION NAME YEARS MONTH VCY
 ALL WEATHER CLASS ALL HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	1.7	1.4	.9	.5	.2	.2				6.4	11.7
NNE	.1	.7	1.6	2.1	1.2	.6	.7	.2	.2			6.8	14.6
NE	.2	.3	.6	.9	.2	.2	.1	.2				2.6	13.0
ENE	.1	.4	.5	.8	.4	.4	.2	.1	.2			2.9	14.9
E	.3	.4	.7	.6	.2	.1						2.4	10.3
ESE	.1	.2	.2	.3	.1	.1	.5	.0				1.3	12.6
SE	.1	.3	.2	.5	.3	.2	.2	.0		.2		1.7	14.0
SSE	.2	.6	.7	1.1	.6	.5	.2	.1	.2	.2		4.1	14.6
S	.6	1.1	1.4	1.5	1.7	1.1	.5	.2	.1	.2		7.4	14.8
SSW	.2	1.0	.6	1.2	1.1	1.0	.6	.2		.1		6.7	15.3
WSW	.7	.9	1.6	2.4	2.1	1.6	.9	.4	.2	.1		11.0	17.2
W	.5	1.1	2.3	3.4	2.4	1.9	.5	.1	.2	.0		12.4	15.0
WNW	.2	.4	1.3	1.4	1.0	.5	.1	.1	.2			5.7	13.2
NW	.2	.6	1.2	1.6	.7	.5	.1					4.9	12.7
NNW	.4	.4	1.4	1.6	.6	.7	.1	.2				5.1	13.2
VARBL													
CALM												6.7	
	5.0	11.5	19.3	23.7	14.5	11.4	4.7	1.7	.4	.2		100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 7120

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4540 ADAK NAS AK STATION NAME 73-82 YEARS DEC
ALL WEATHER 0000-0600
 CLASS NOON (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	1.6	1.5	.9	.7						7.2	10.9
NNE	.2	1.1	1.2	1.7	1.9	1.3	.1	.2	.1			7.5	15.2
NE		.4	.9	.8	1.3	.4	.5	.2				4.5	17.2
ENE	.1	.3	.3	1.9	1.3	.5	.3					4.8	16.5
E		.8	1.4	2.1	.5	.3	.3	.3				6.3	13.4
ESE			.3	1.2	.5	.1	.1					2.5	14.4
SE	.3	.4	.2	.2	.2	.1	.1					1.5	15.9
SSE	.3	.3	.5	1.3	.5	.5	.2					3.8	14.3
S	.4	.6	1.4	2.1	.7	.9	.4					6.8	13.6
SSW	1.3	.3	1.2	.3	.3	.4	.3					4.3	15.7
SW	.5	1.0	1.9	2.3	1.7	.9		.2	.1			8.9	13.5
WSW	.5	1.6	2.2	2.2	1.2	1.3	.3	.2				9.6	13.5
W	.7	.6	.7	2.3	2.2	1.7	.8	.3				9.4	17.0
WNW	.1	.4	1.7	2.0	.3	.7						5.2	12.8
NW	.5	.8	.7	1.2	.3	.3						3.8	15.8
NNW	.1	.7	1.6	1.9	.7	.4	.1					5.5	12.5
VARBL													
CALM												8.3	
	6.9	11.5	17.9	24.9	14.6	10.4	3.7	1.5	.2			100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 915

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4140 ADAK NAS AK 73-62 DEC
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.6	1.8	2.3	.7	.1	.1		.1			5.4	11.9
NNE	.2	.7	1.5	2.1	2.4	.9	.3		.2			8.5	15.9
NE	.2	.3	.2	.7	.7	1.0	.1	.2				3.3	16.7
ENE	.2	.4	.6	1.7	1.8	.4						5.3	14.7
E	.2	1.1	.8	2.6	1.4	.9	.3	.1				7.5	15.0
ESE	.1	.7	.7	.6	.8	.3	.3	.1				3.1	17.0
SE	.1	.1	.1	.2	.3	.4						1.3	17.2
SSE	.1	.3	.9	.8	.2	.1	.3	.2				3.0	19.3
S	.2	1.0	1.4	1.3	.9	.9						6.3	12.1
SSW	1.1	1.0	1.2	.7	.3	.6	.2	.2				5.3	11.7
SW	1.3	.7	.7	1.2	1.7	1.1	.3	.3				7.4	14.6
WSW	.8	1.7	.8	2.5	2.1	.7	.6					9.0	13.7
W	.4	1.4	1.7	3.3	2.0	1.4	1.0	.3				11.6	15.6
WNW	.3	.7	1.3	1.3	.4	.1	.1					4.4	10.7
NW		.9	.9	1.5	.9	.3	.1					4.6	13.0
NNW	.7	.2	.9	1.4	.1	.6	.2					3.7	13.4
VARBL													
CALM												9.5	
	7.2	11.3	15.5	24.1	16.6	9.8	4.2	1.5	.4			170.3	12.9

TOTAL NUMBER OF OBSERVATIONS 929

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74440 ADAK VA AK STATION NAME 73-82 YEARS DEC
 ALL WEATHER 600-0800
 CLAS HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	1.7	2.1	.8		.3	.1	.1			6.6	12.2
NNE	.5	1.0	1.1	2.6	2.6	1.2	.1	.1	.2			9.1	16.0
NE	.5	.7	.4	1.7	.7	1.4	.7	.1				4.5	17.8
ENE		.4	.4	2.3	1.6	.7	.1					5.2	14.9
E		.5	1.4	2.0	.7	.9	.2					5.3	14.3
ESE	.5	.1	.2	1.2	.7	.5	.5					3.5	17.9
SE	.5	.7	.2	.7	.1	.3	.3					2.1	15.7
SSE	.3	.4	.4	.4	.3	.7		.4				3.3	14.2
S	.7	1.1	1.3	1.3	1.2	.6	.7					7.3	13.7
SSW	.7	.7	.5	1.8	.8	.4		.3				5.2	13.3
SW	.8	.4	1.3	1.6	1.7	.5	.2	.4				6.5	14.8
WSW	.7	.8	1.7	2.9	1.8	1.1	.3	.1	.1			9.6	14.4
W	.2	1.5	1.8	1.8	2.6	1.5	.5	.7	.1			11.4	15.6
WNW	.7	1.0	1.3	1.0	.5	.5	.3					5.3	12.3
NW	.2	.7	.7	1.1	.5	.2						3.5	11.3
NNW	.7	.4	1.1	.9	.7	.5						3.3	12.7
VARBL													
CALM												6.9	
	5.0	10.8	15.8	24.7	16.3	17.7	4.0	2.3	.5			120.0	13.2

TOTAL NUMBER OF OBSERVATIONS 919

U.S. NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74540 STATION NAME ADAK NAS AK YEARS 73-82 MONTH DEC
ALL WEATHER CLAS 0900-1100
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.4	1.0	1.5	1.0	.3	.1					4.7	13.1
NNE	.1	.4	1.6	2.3	3.3	.9	.3	.2	.1	.1		9.4	16.7
NE	.4		.6	.6	.9	.9	.7					4.6	16.9
ENE	.3		1.0	1.9	1.0	.4	.2	.1				4.9	14.7
E		1.1	1.3	2.1	1.0	.3	.1					6.9	12.7
ESE		.5	.9	.7	.5	.8	.4					3.5	16.8
SE	.1		.5	.1	.1	.4	.1					2.0	12.7
SSE		.1	1.4	.5	.3	.1	.1					2.6	12.6
S	.5	1.4	1.1	1.3	1.4	1.0	.2	.5				7.1	15.4
SSW	.4	1.0	1.1	1.3	.7	.3	.1	.3	.1			5.8	13.1
SW	1.1	.7	1.4	1.6	1.3	.8	.4	.1	.1			8.0	13.2
WSW	.4	2.1	1.5	2.4	2.4	1.0	.3	.3				10.5	13.9
W	.4	1.4	1.9	2.7	1.5	1.5	.7	.2				9.6	15.0
WNW	.7	1.1	.9	1.0	.4	.3	.4					4.7	13.1
NW	.7	1.2	1.5	1.2	.5	.4						5.1	11.3
NNW	.4	.4	1.2	1.7	.7							3.7	10.4
VARBL													
CALM												7.8	
	5.6	11.9	19.3	22.0	17.4	9.5	4.3	1.9	.3	.1		100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 914

JOINT CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74542 ADAK NAT AK STATION NAME 73-F2 YEARS DEC
MONTH 1200-1400
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.2	1.2	2.5	.9	.3						6.5	12.1
NNE	.1	.0	1.3	1.4	1.9	1.3	.2	.3	.2	.1		7.7	18.0
NE	.0	.3	.9	.6	.4	.7	.3					3.3	15.5
ENE		.1	1.3	3.2	1.3	1.0	.2	.3				7.9	15.6
E	.0	.7	1.4	2.3	1.2	.1						6.1	12.0
ESE		.0	.9	.2	.4	.3						2.1	13.3
SE	.1	.1	.2	.3	.2	.6	.2					1.8	17.6
SSE	.0	.3	.7	1.1	.3	.4	.6					3.6	15.9
S	.6	1.5	1.0	.6	1.4	1.0	.2	.6				6.8	14.9
SSW	.7	.6	1.5	1.8	1.1	.7	.4	.3				6.7	15.5
SW	.6	.7	1.9	1.9	1.4	.8	.4	.2				7.7	14.4
WSW	.4	1.5	1.5	3.2	1.3	1.3	1.0	.1				10.5	14.8
W	.7	1.1	1.4	2.5	2.5	1.5	.9	.1				10.5	16.0
WNW	.1	.4	.7	1.2	.9	.3	.4					4.1	15.3
NW	.3	.3	.6	1.4	.4	.1	.1					3.3	12.2
NNW		.4	1.0	1.3	.2	.3						3.3	11.9
VARBL													
CALM												7.9	
	4.0	10.8	17.3	25.6	16.1	10.8	5.1	2.0	.2	.1		100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 925

U.S. NATIONAL CLIMATOLOGY BRANCH
U.S. AIR FORCE
U.S. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74840 ADAM NAS AK 73-82 260
STATION MONTH
ALL WEATHER CLASS 1500-1700
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	1.7	2.6	1.1	.3						7.8	11.0
NNE	.7	1.4	2.7	1.4	1.6	1.2	.3	.3	.2			9.2	14.9
NE	.6	.4	.4	1.0	1.1	.5	.1					3.9	15.1
ENE	.3	.3	1.7	2.0	1.1	1.2		.1	.2			6.3	16.0
E		.6	2.7	1.8	.8	.5	.1					6.6	13.1
ESE	.1	.3	.1	.4	.3	.2						1.6	13.3
SE		.7	.1	.6	.7	.2	.1					2.3	16.2
SSE	.1	.7	1.7	.7	.6	.4	.1					3.6	12.9
S	.8	.9	1.3	1.3	.9	.4	.3	.4				6.3	13.7
SSW	1.0	.7	.7	1.4	.3	.9	.3	.2	.1			6.3	14.7
SW	1.1	1.6	.8	2.4	1.1	.4	.3	.1	.1			8.3	12.5
WSW	.7	.7	1.4	2.4	1.6	1.1	.7	.1				8.7	15.1
W	.2	1.0	1.9	3.1	2.1	1.3	.7	.1				10.2	15.6
WNW	.2	.3	.4	1.8	.8	.9	.6					5.3	16.8
NW	.0	.1	.9	1.1	.3	.1						3.2	11.2
NNW	.1	1.1	.9	.7	.9	.3						4.3	11.6
VARBL													
CALM												7.5	
	6.2	12.6	17.1	25.2	15.3	10.4	3.7	1.4	.7			100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 898

CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4540 ADAM NAS AK 72-02 2-0
STATION STATION NAME YEARS NORTH
ALL WEATHERED
CLASS
CONDITION
1800-2000
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	1.3	3.2	.3							6.2	9.0
NNE	.1	1.1	1.6	1.8	1.0	1.1	.5	.4				6.2	15.0
NE	.1	.3	.7	.9	1.1	.7	.3	.2				4.3	17.9
ENE	.2	.2	1.0	1.4	1.1	.5	.1	.2				4.8	15.4
E	.2	.2	1.0	2.1	1.2	.4						6.4	13.2
ESE		.5	.5	.4		.3						1.5	13.4
SE	.1	.5	.2	.4	.3	.2	.2	.1				2.2	15.1
SSE	.3	.2	1.0	1.0	.3	.3	.3					3.5	13.6
S	.2	.7	2.0	.6	.7	.7	.4	.3				5.7	14.5
SSW	.2	.0	1.6	.9	.5	.3	.3	.1	.2			5.6	14.8
SW	.3	1.2	2.2	2.2	.4	.7	.3	.2				7.6	13.0
WSW	.3	1.5	1.4	2.0	1.5	1.9	.8	.2				9.5	15.4
W	.5	1.2	2.2	2.8	1.5	.7	.3	.1				9.2	13.4
WNW	.3	1.1	1.2	1.2	.5	.7	.2	.2	.1			5.6	13.7
NW	.7	.7	1.0	.4	.1	.2						2.7	9.1
NNW	.4	.7	1.2	1.9	.9	.9						5.3	12.7
VARBL													
CALM												9.2	
	4.0	13.0	20.9	23.3	11.9	10.2	3.9	2.2	.3			100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME ADAK NAS AK YEARS 73-82 MONTH DEC
STATION 424 CLASS ALL WEATHER HOURS (LST) 100-2300
CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.0	1.1	2.5	1.1	.2		.1				6.3	12.3
NNE		.0	2.2	1.8	1.3	1.1	.3	.1				7.1	15.6
NE	.0	.0	.3	.8	.7	.7	.7	.3				4.1	17.6
ENE		.0	.0	1.0	1.2	.0	.2	.3				5.3	17.5
E	.1	.0	1.5	2.2	1.4	.0	.1	.1				7.5	14.2
ESE	.1	.1	.8	.7	.1	.1	.1					1.0	12.0
SE		.1	.3	.2	.2	.3	.1					1.3	17.3
SSE	.0	.4	.0	.5	.2	.3	.1					2.7	12.5
S	.7	1.4	1.0	2.2	1.5	.7	.2					8.5	12.3
SSW	1.0	.0	.8	.9	1.1	.1	.2					4.9	11.0
SW	.0	.7	2.1	2.4	1.2	.5	.8	.3				8.6	15.1
WSW	.0	1.0	1.4	1.8	1.1	.0	.3	.3				8.1	13.5
W	.0	1.5	2.1	2.2	2.0	1.0	.7	.4	.1			11.5	15.2
WNW	.1	1.0	.9	1.4	1.0	.1						4.5	11.9
NW	.7	.4	.8	1.5	.3	.2						4.0	11.0
NNW	.1	.7	.5	1.4	.4	.7	.2					4.1	14.8
VARBL													
CALM												15.4	
	5.6	11.7	15.4	23.6	15.8	9.0	3.6	2.1	.1			100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 510

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
U.S. FATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74540 ADAM NAG AM STATION NAME 72-80 YEARS DEC
STATION NAME ALL WEATHER CLASS ALL HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	N	MEAN WIND SPEED
N	.0	1.2	1.4	2.3	.0	.0	.1	.0	.0			6.7	11.4
NNE	.0	.0	1.6	1.9	2.0	.1	.3	.2	.0			8.4	16.1
NE	.0	.3	.6	.6	.9	.5	.4	.1				4.1	17.1
ENE	.0	.3	.8	2.0	1.3	.7	.2	.1	.0			5.6	15.7
E	.0	.7	1.5	2.1	1.0	.6	.2	.1				6.3	13.5
ESE	.1	.2	.5	.6	.4	.7	.2	.0				2.4	15.4
SE	.1	.3	.2	.3	.3	.3	.2	.0				1.3	15.2
SSE	.0	.4	.0	.0	.4	.3	.2	.1				3.2	14.0
S	.0	1.1	1.4	1.4	1.1	.0	.3	.2				6.3	13.8
SSW	.0	.7	1.1	1.2	.6	.5	.2	.2	.1			5.5	13.3
SW	.3	.9	1.5	2.0	1.3	.7	.4	.2	.0			7.9	13.9
WSW	.6	1.4	1.5	2.4	1.6	1.1	.5	.2	.0			9.4	14.3
W	.5	1.2	1.7	2.5	2.2	1.4	.6	.3	.0			10.4	15.5
WNW	.2	.0	1.1	1.4	.7	.5	.3	.0	.0			4.6	13.3
NW	.3	.7	.9	1.2	.4	.2	.0					3.8	11.3
NNW	.0	.5	1.1	1.3	.5	.5	.1					4.2	12.5
VARBL													
CALM												8.7	
	5.9	11.7	17.8	24.2	15.5	11.1	4.1	1.9	.4	.0		120.2	13.0

TOTAL NUMBER OF OBSERVATIONS 7284

GLOBAL CLIMATOLOGY BRANCH
AFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4540 STATION NAME ADIAK NAS AK YEARS 73-84 MONTH ALL
CLASS ALL WEATHER HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.5	2.2	2.7	.9	.4	.1	.0	.0			6.5	11.1
NNE	.5	1.3	1.9	1.9	.9	.6	.3	.0	.0	.0		7.2	12.0
NE	.4	.7	1.1	1.1	.4	.3	.1	.0				4.2	11.4
ENE	.4	.7	1.2	1.2	.6	.3	.1	.0	.0			4.7	11.2
E	.5	1.1	1.2	1.2	.4	.2	.1	.0				4.5	10.4
ESE	.3	.5	.6	.5	.2	.1	.0	.0				2.1	9.8
SE	.0	.5	.7	.5	.2	.1	.0	.0		.0		2.3	10.3
SSE	.3	.7	1.2	.9	.3	.2	.1	.0	.0	.0		3.7	10.8
S	.5	1.3	2.0	1.8	.6	.4	.2	.1	.0	.0		6.9	11.2
SSW	.5	.8	1.2	1.4	.6	.4	.2	.1	.0	.0		5.3	12.6
SW	.6	.8	1.8	2.9	1.5	1.0	.4	.2	.0	.0		9.2	14.4
WSW	.5	1.2	2.4	3.8	1.9	1.1	.3	.1	.0	.0	.0	11.5	13.6
W	.5	1.3	2.7	3.5	1.6	1.0	.3	.1	.0	.0	.0	11.2	13.2
WNW	.2	.7	.9	1.1	.4	.2	.1	.0	.0	.0	.0	3.3	12.2
NW	.2	.5	.9	1.0	.4	.3	.0	.0				3.3	11.4
NNW	.3	.6	1.2	1.5	.6	.3	.1	.0				4.7	12.3
VARBL		.3										.3	5.0
CALM												6.9	
	6.0	14.5	23.1	27.0	11.7	6.8	2.3	.9	.1	.0	.0	100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 86490

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 4547 ADOAK NAS AK STATION NAME 73-62 YEARS ALL
INSTRUMENT ALL
CLASS
CONDITION
CIG 100 TO 1400 FT W/ VSEY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	2.1	2.9	1.3	.7	.3	.0	.0			9.2	12.6
NNE	.7	1.7	2.0	1.9	.9	.9	.4	.2	.0			8.5	12.6
NE	.6	1.1	1.4	1.3	.5	.5	.2	.1	.0			5.7	11.9
ENE	.6	1.1	1.4	1.5	.6	.5	.2	.1	.0			6.1	12.3
E	.6	1.1	1.7	1.6	.6	.4	.1	.1				5.4	11.7
ESE	.3	.5	.6	.6	.7	.1	.1	.0				2.5	13.8
SE	.3	.5	.8	.8	.5	.3	.1	.0		.0		3.3	12.4
SSE	.3	.7	1.3	1.5	.7	.4	.2	.0	.0			5.1	12.8
S	.4	1.0	1.8	2.1	.9	.9	.3	.2	.0	.0		7.6	13.6
SSW	.7	.6	.8	1.1	.6	.4	.2	.1	.0	.0		4.2	14.2
SW	.4	.6	1.7	3.1	1.5	1.1	.4	.2	.1	.0		9.2	15.4
WSW	.7	1.1	2.7	4.9	2.6	1.2	.3	.1	.0	.0	.0	13.1	14.2
W	.4	.9	2.2	3.0	1.5	1.7	.3	.1	.0	.0	.0	9.4	13.9
WNW	.1	.2	.3	.5	.3	.2	.1	.0	.0		.0	1.9	15.2
NW	.1	.2	.3	.4	.3	.2	.1	.0				1.7	14.6
NNW	.2	.2	.5	1.0	.6	.3	.1	.0				3.1	14.5
VARBL													
CALM												3.9	
	6.2	12.9	10.8	29.1	13.9	9.0	3.5	1.3	.2	.1	.0	170.2	12.8

TOTAL NUMBER OF OBSERVATIONS 22894

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥ 10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq 5/16$	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704540 ADAK NAS AK

73-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	200	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
1000	16.4	16.4	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
900	16.8	16.8	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
800	17.0	17.0	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
700	17.3	17.3	17.4	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
600	17.3	17.3	17.4	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
500	17.4	17.4	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
400	17.4	17.4	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
300	17.4	17.4	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
200	17.7	17.7	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
100	18.4	18.4	18.5	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
0	19.4	19.4	19.5	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
2000	20.0	20.0	20.1	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
1800	21.8	21.8	21.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
1600	.1	24.3	24.8	24.9	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
1400	.1	29.1	29.9	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
1200	.1	37.8	39.5	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
1000	.2	43.8	51.1	52.1	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
800	.4	56.2	62.2	64.2	64.9	65.1	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
600	.4	59.3	63.4	65.8	66.3	66.5	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
400	.4	65.3	70.4	75.2	77.1	77.6	78.7	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
200	.4	67.0	72.8	78.2	80.8	81.6	83.0	83.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
0	.4	68.7	75.9	81.8	84.8	85.6	87.4	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
2000	.4	68.8	76.0	82.3	85.7	86.5	88.2	88.9	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
1800	.4	69.4	76.7	83.8	87.5	88.3	90.6	91.7	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
1600	.4	69.5	77.0	84.5	88.9	89.4	91.8	92.9	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
1400	.4	69.7	77.3	85.1	89.3	90.6	93.2	94.5	94.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
1200	.4	69.9	77.8	85.5	90.3	91.8	94.9	96.3	96.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000	.4	69.9	77.9	85.7	90.5	91.8	95.2	96.6	96.6	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
800	.4	69.9	77.9	85.7	90.7	92.0	95.8	97.2	97.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	.4	69.9	77.9	85.7	90.7	92.0	95.6	97.2	97.2	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5
400	.4	69.9	77.9	85.7	90.7	92.0	95.6	97.2	97.2	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7
200	.4	69.9	77.9	85.7	90.7	92.0	95.6	97.2	97.2	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7
0	.4	69.9	77.9	85.7	90.7	92.0	95.6	97.2	97.2	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

917

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74540 ADAM NAS AK

73-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

VISIBILITY IN STATUTE MILES																
CEILING	1/2	3/4	1	2	3	4	5	6	7	8	9	10	12	15	20	25
1000	15.6	15.7	15.7	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
900	16.2	16.3	16.3	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
800	16.5	16.6	16.6	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
700	16.5	16.6	16.6	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
600	16.5	16.6	16.6	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
500	16.6	16.8	16.8	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
400	16.6	16.8	16.8	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
300	17.3	17.4	17.4	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
200	17.8	18.1	18.0	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
100	18.6	18.7	18.7	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
50	19.9	19.6	19.6	19.8	19.8	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
20	21.2	21.3	21.3	21.5	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
10	24.7	24.9	24.9	25.2	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
5	29.6	30.5	30.5	30.8	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
2	39.1	40.0	40.4	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
1	50.5	52.0	52.9	53.3	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
1/2	58.9	61.2	62.6	63.1	63.1	63.7	63.8	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
3/4	60.3	62.9	64.5	65.2	65.2	65.7	65.8	65.8	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
1	66.3	70.7	73.8	75.4	75.6	76.5	76.7	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
2	68.2	73.6	77.6	80.1	80.4	81.9	82.4	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
3	69.9	76.3	81.2	84.3	84.8	86.7	87.7	87.7	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6
4	70.4	76.9	82.2	85.5	86.1	88.1	89.1	89.1	89.6	89.8	89.8	90.0	90.0	90.0	90.0	90.0
5	70.7	77.6	82.9	86.5	87.1	89.6	90.6	90.6	91.4	91.8	91.8	92.1	92.1	92.2	92.2	92.2
6	70.9	78.0	83.4	87.1	87.8	90.4	91.6	91.6	93.0	93.5	93.5	93.7	93.7	93.8	93.8	93.8
7	71.3	78.3	83.9	87.9	88.5	91.2	92.5	92.5	94.2	94.8	94.8	95.1	95.1	95.2	95.2	95.2
8	71.8	78.9	84.4	88.7	89.2	92.4	93.7	93.8	96.1	96.8	96.8	97.5	97.5	97.6	97.6	97.6
9	71.8	79.1	84.7	89.0	89.6	92.7	94.0	94.1	96.4	97.2	97.2	97.8	97.8	97.9	97.9	97.9
10	71.8	79.1	84.8	89.2	89.8	92.9	94.3	94.3	97.0	97.9	97.9	99.0	99.0	99.1	99.1	99.1
11	71.8	79.1	84.8	89.2	89.8	92.9	94.5	94.6	97.2	98.2	98.2	99.3	99.3	99.5	99.5	99.5
12	71.8	79.1	84.8	89.2	89.8	92.9	94.5	94.6	97.2	98.2	98.2	99.6	99.6	99.7	99.7	99.7
13	71.8	79.1	84.8	89.2	89.8	92.9	94.5	94.6	97.2	98.2	98.2	99.6	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 919

ISAF ETAC 0-14-5 VOL A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704540

ADAK NAS AK

73-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
0-100	.8	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
100-200	.8	15.5	15.7	15.7	15.7	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
200-300	.8	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
300-400	.8	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
400-500	.8	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
500-600	.8	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
600-700	.8	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
700-800	.8	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
800-900	.8	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
900-1000	.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
1000-1100	.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
1100-1200	.3	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
1200-1300	.8	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
1300-1400	.9	24.7	24.8	24.9	24.9	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
1400-1500	.9	29.4	29.7	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
1500-1600	.9	37.2	37.6	37.9	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
1600-1700	1.0	47.1	48.2	49.2	49.3	49.4	49.5	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
1700-1800	1.0	58.0	59.9	61.2	62.0	62.4	62.7	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5
1800-1900	1.0	58.8	60.6	62.3	63.4	63.9	64.3	64.6	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.2	65.2
1900-2000	1.1	65.2	68.5	71.7	74.1	74.8	75.5	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	77.0	77.0
2000-2100	1.1	66.5	70.8	75.3	78.4	79.4	80.4	81.0	81.0	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9
2100-2200	1.1	68.5	73.0	78.5	83.2	84.3	85.9	87.1	87.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
2200-2300	1.1	68.7	73.5	79.6	84.3	85.4	87.3	88.6	88.6	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0
2300-2400	1.1	69.5	75.3	81.5	86.8	88.1	90.3	91.6	91.6	92.9	92.9	92.9	93.1	93.1	93.1	93.2	93.2
2400-2500	1.1	69.5	75.4	81.9	87.9	89.2	91.6	93.2	93.2	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8
2500-2600	1.1	69.7	75.6	82.1	88.2	89.6	92.5	94.0	94.0	95.8	95.8	95.8	96.0	96.0	96.0	96.1	96.1
2600-2700	1.1	69.7	75.9	82.7	89.1	90.6	93.6	95.4	95.4	97.6	97.6	97.6	98.2	98.2	98.2	98.3	98.3
2700-2800	1.1	69.8	76.1	82.9	89.3	90.8	93.8	95.6	95.6	98.2	98.6	98.6	99.0	99.0	99.0	99.1	99.1
2800-2900	1.1	69.8	76.1	82.9	89.3	90.8	93.8	95.6	95.6	98.5	98.8	98.8	99.4	99.4	99.4	99.6	99.6
2900-3000	1.1	69.8	76.1	82.9	89.3	90.8	93.8	95.6	95.6	98.6	98.9	99.0	99.8	99.8	99.8	99.9	99.9
3000-3100	1.1	69.8	76.1	82.9	89.3	90.8	93.8	95.6	95.6	98.6	98.9	99.0	99.8	99.8	99.8	99.9	100.0
3100-3200	1.1	69.8	76.1	82.9	89.3	90.8	93.8	95.6	95.6	98.6	98.9	99.0	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 907

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14540
STATION

ADAK NAS AK

73-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

		VISIBILITY (MILES)															
		2 1/2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	20
1000	4.3	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
900	4.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
800	4.4	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
700	4.4	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
600	4.4	12.1	12.1	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
500	4.4	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
400	4.4	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
300	4.4	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
200	5.4	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
100	5.6	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
50	5.2	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
20	6.3	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
10	7.1	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
5	8.0	22.4	22.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
2	9.6	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
1	11.9	38.0	38.7	38.9	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
0.5	13.2	47.7	49.1	49.5	49.8	49.9	50.2	50.4	50.4	50.4	50.4	50.5	50.5	50.7	50.7	50.7	50.7
0.2	14.1	61.3	63.2	65.1	67.1	67.2	67.7	68.1	68.1	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4
0.1	14.3	63.0	65.5	67.8	69.9	70.1	70.9	71.3	71.3	71.3	71.4	71.4	71.7	71.7	71.7	71.7	71.7
0.05	14.4	67.4	71.2	74.3	77.7	78.1	79.5	80.1	80.2	80.4	80.5	80.5	80.9	80.9	80.9	80.9	80.9
0.02	14.4	67.9	72.1	75.7	79.8	80.4	81.9	82.6	82.7	83.0	83.3	83.3	83.6	83.6	83.6	83.6	83.6
0.01	14.4	70.1	75.2	79.4	83.8	84.5	86.7	87.7	87.9	88.4	88.6	88.6	89.1	89.1	89.1	89.1	89.1
0.005	14.4	70.4	75.6	80.0	84.5	85.4	87.6	88.7	88.8	89.4	89.6	89.6	90.2	90.2	90.2	90.2	90.2
0.002	14.4	70.7	76.1	80.7	85.3	86.4	88.9	90.7	90.8	91.7	92.3	92.0	92.7	92.7	92.7	92.7	92.7
0.001	14.4	71.0	76.7	81.8	86.5	87.6	90.6	92.7	92.8	93.9	94.3	94.3	95.0	95.0	95.0	95.0	95.0
0.0005	14.4	71.0	76.9	82.2	87.2	88.4	91.9	94.0	94.1	95.3	95.7	95.7	96.4	96.4	96.4	96.4	96.4
0.0002	14.6	71.1	77.0	82.4	87.6	88.8	92.6	94.9	95.1	96.6	97.2	97.2	98.1	98.1	98.1	98.1	98.1
0.0001	14.6	71.1	77.3	82.4	87.6	88.8	92.6	94.9	95.1	96.6	97.2	97.2	98.2	98.2	98.2	98.2	98.2
0.00005	14.6	71.1	77.0	82.4	87.6	88.8	92.6	94.9	95.1	96.7	97.3	97.3	98.5	98.5	98.7	98.7	98.7
0.00002	14.6	71.1	77.0	82.4	87.6	88.8	92.6	94.9	95.1	96.8	97.5	97.5	98.7	98.8	99.1	99.1	99.1
0.00001	14.6	71.1	77.0	82.4	87.6	88.8	92.6	94.9	95.1	96.8	97.5	97.5	98.8	99.2	99.9	99.9	99.9
0.000005	14.6	71.1	77.3	82.4	87.6	88.8	92.6	94.9	95.1	96.8	97.5	97.5	98.8	99.2	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 914

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMAT. CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
1000	4.4	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
900	4.6	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
800	5.2	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
700	5.2	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
600	5.2	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
500	5.3	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
400	5.6	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
300	5.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
200	6.6	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
100	7.1	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
0	7.5	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
1000	7.6	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
900	7.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
800	9.0	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
700	11.4	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
600	13.4	37.9	38.4	38.9	39.1	39.1	39.1	39.1	39.3	39.3	39.3	39.5	39.5	39.5	39.5	39.5
500	15.6	49.8	51.1	52.2	52.4	52.4	52.5	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0
400	16.8	59.4	62.5	64.9	65.7	65.9	66.1	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8
300	16.8	62.0	65.4	68.1	69.1	69.3	69.8	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5
200	17.1	66.9	71.0	75.9	78.1	78.3	79.4	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8
100	17.2	67.4	72.5	77.6	81.0	80.8	82.1	83.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	84.0
0	17.2	69.5	75.4	81.4	84.4	85.9	87.5	89.0	89.0	89.8	90.2	90.2	90.2	90.2	90.2	90.4
1000	17.2	69.8	75.5	81.7	85.1	86.6	88.5	90.0	90.0	90.9	91.3	91.3	91.3	91.3	91.3	91.4
900	17.2	69.8	76.0	82.3	86.1	87.7	89.9	91.6	91.6	92.4	92.9	92.9	92.9	92.9	93.0	93.2
800	17.2	70.1	76.3	82.7	86.5	88.2	90.5	92.3	92.5	93.6	94.1	94.1	94.1	94.1	94.2	94.4
700	17.2	70.4	76.8	83.1	87.1	88.7	91.4	93.5	94.0	95.4	95.8	95.8	95.9	95.9	96.1	96.3
600	17.2	70.5	76.9	83.3	87.5	89.1	91.9	94.1	94.6	96.2	96.7	96.7	97.1	97.1	97.3	97.6
500	17.2	70.5	76.9	83.3	87.5	89.1	91.9	94.1	94.6	96.2	96.7	96.7	97.1	97.1	97.4	97.7
400	17.2	70.5	76.9	83.3	87.5	89.1	91.9	94.2	94.7	96.3	97.0	97.0	97.7	97.7	98.2	98.6
300	17.2	70.5	76.9	83.3	87.5	89.1	91.9	94.2	94.7	96.3	97.0	97.0	97.9	98.0	98.8	99.2
200	17.2	70.5	76.9	83.3	87.5	89.1	91.9	94.2	94.7	96.3	97.0	97.0	97.9	98.1	99.0	99.7
100	17.2	70.5	76.9	83.3	87.5	89.1	91.9	94.2	94.7	96.3	97.0	97.0	98.1	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
 CLAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704540

ADAK NAS AK

73-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1500-1700

		VISIBILITY STATISTICS															
		≥10	26	27	24	2	24	24	24	24	24	24	24	24	24	24	24
1-1000	5.2	13.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
1000-1000	5.5	13.9	10.9	10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
2-1000	5.6	11.6	11.6	11.6	11.6	11.6	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
1000-1000	5.3	12.1	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
1-1000	5.8	12.1	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
1000-1000	5.8	12.1	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
2-1000	5.9	12.3	12.3	12.3	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
1000-1000	5.9	12.3	12.3	12.3	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
1-1000	6.9	13.8	13.8	13.8	13.8	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
1000-1000	7.1	14.7	14.7	14.7	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
2-1000	7.2	15.1	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
1000-1000	7.7	15.9	15.9	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
1-1000	8.2	17.5	17.5	17.7	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
1000-1000	8.4	20.8	20.8	20.9	21.1	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
2-1000	10.4	28.8	29.1	29.3	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
1000-1000	11.6	37.9	38.6	39.0	39.3	39.3	39.3	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
1-1000	13.2	46.3	48.0	49.6	50.1	50.1	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
1000-1000	14.3	57.3	59.9	62.4	63.3	63.7	64.0	64.1	64.1	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
2-1000	14.4	59.9	63.2	66.0	67.1	67.8	68.2	68.3	68.3	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8
1000-1000	14.4	65.1	69.7	74.3	77.0	77.7	78.6	78.8	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
1-1000	14.4	65.6	70.4	75.5	78.7	79.8	81.3	82.0	82.0	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
1000-1000	14.5	66.8	72.0	78.7	82.7	84.3	86.0	87.1	87.1	88.0	88.3	88.4	88.5	88.5	88.5	88.5	88.5
2-1000	14.5	66.9	72.3	79.3	83.4	85.1	86.8	88.0	88.2	89.3	89.5	89.6	89.7	89.7	89.7	89.7	89.8
1000-1000	14.5	67.1	72.6	80.4	84.8	86.6	88.6	90.0	90.1	91.7	92.0	92.1	92.2	92.2	92.2	92.2	92.3
1-1000	14.5	67.1	72.7	80.6	85.4	87.3	89.5	91.0	91.1	92.8	93.1	93.2	93.4	93.4	93.4	93.4	93.6
1000-1000	14.5	67.1	72.9	80.8	85.7	87.6	89.9	91.4	91.7	93.3	93.6	93.8	94.0	94.0	94.0	94.0	94.2
2-1000	14.5	67.2	73.2	81.1	86.1	88.3	90.9	92.7	93.1	94.8	95.2	95.3	95.7	95.7	95.7	95.7	95.9
1000-1000	14.5	67.2	73.2	81.4	86.3	88.5	91.1	93.0	93.4	95.2	95.7	95.8	96.3	96.3	96.3	96.5	96.8
1-1000	14.5	67.2	73.2	81.4	86.3	88.5	91.2	93.2	93.6	95.5	96.2	96.3	96.9	96.9	97.1	97.8	97.8
1000-1000	14.5	67.2	73.2	81.4	86.3	88.5	91.2	93.2	93.6	95.5	96.2	96.3	97.0	97.0	97.4	98.5	98.5
2-1000	14.5	67.2	73.2	81.4	86.3	88.5	91.2	93.2	93.6	95.6	96.3	96.4	97.4	97.4	97.9	99.5	99.5
1000-1000	14.5	67.2	73.2	81.4	86.3	88.5	91.2	93.2	93.6	95.6	96.4	96.5	97.6	97.6	98.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 00AK NAS AK

73-82

JAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

1850-2000

1.0	13.4	13.4	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
1.5	13.6	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
1.5	14.1	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
1.6	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
1.6	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
1.6	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
1.5	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
1.8	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
1.6	15.3	15.3	15.3	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
1.9	16.1	16.1	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
1.7	16.8	16.8	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
1.9	17.3	17.3	17.4	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
1.9	18.1	18.1	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
2.0	21.7	21.7	21.8	21.8	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.4	27.4	27.6	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
2.6	35.5	35.9	36.6	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
2.7	45.3	46.6	47.9	48.0	48.1	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
2.9	57.4	59.4	61.2	61.9	62.0	62.4	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
2.9	59.6	61.9	64.1	64.8	64.9	65.5	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
2.9	66.3	69.9	73.9	75.5	75.8	77.1	78.0	78.1	78.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9
2.9	68.0	72.9	77.6	79.5	79.8	81.7	83.0	83.1	83.6	83.7	83.7	83.9	83.9	83.9	83.9	83.9
3.0	69.8	75.7	81.9	85.0	85.6	87.6	89.1	89.3	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2
3.1	70.0	75.9	82.2	85.5	86.1	88.2	89.7	89.8	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1
3.0	70.8	76.9	83.3	86.8	87.4	89.9	91.9	92.1	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0
3.0	70.8	76.9	83.4	87.2	87.8	90.6	92.5	92.7	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2
3.0	70.9	77.0	83.6	87.4	88.4	91.1	93.1	93.3	95.4	95.5	95.5	96.1	96.1	96.1	96.1	96.1
3.0	71.0	77.2	83.8	87.6	88.7	91.5	93.8	94.7	96.7	97.0	97.0	97.5	97.5	97.5	97.5	97.5
3.0	71.0	77.2	83.8	87.7	88.8	91.6	94.2	94.5	97.5	97.8	97.8	98.4	98.4	98.4	98.4	98.5
3.0	71.0	77.2	83.8	87.7	88.8	91.6	94.4	94.6	97.7	98.2	98.2	98.8	98.8	98.8	98.8	98.9
3.0	71.0	77.2	83.8	87.7	88.8	91.6	94.4	94.6	97.8	98.3	98.3	99.1	99.1	99.1	99.1	99.2
3.0	71.0	77.2	83.8	87.7	88.8	91.6	94.4	94.6	97.9	98.4	98.4	99.5	99.5	99.5	99.6	99.8
3.0	71.1	77.3	83.9	87.8	88.9	91.7	94.5	94.7	98.0	98.5	98.5	99.6	99.6	99.6	99.81	100.0

TOTAL NUMBER OF OBSERVATIONS 921

2

73-82

JAV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

2100-2300

05

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ADW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

USAF ETAC																
CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100
2.0	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4
2.1	13.6	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
2.2	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5
2.3	14.5	14.6	14.6	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
2.4	14.5	14.6	14.6	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
2.5	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
2.6	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0
2.7	14.8	14.9	14.9	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
2.8	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0
2.9	16.6	16.6	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
3.0	17.2	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
3.1	17.9	17.9	18.0	18.0	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
3.2	19.5	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
3.3	23.0	23.1	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
3.4	29.2	29.8	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0
3.5	37.6	38.4	38.8	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
3.6	48.1	49.6	50.6	50.9	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
3.7	58.6	61.2	63.1	63.9	64.1	64.5	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1
3.8	60.3	63.2	65.4	66.4	66.6	67.1	67.4	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7
3.9	66.2	70.5	74.3	76.5	77.0	78.0	78.5	78.6	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1
4.0	67.4	72.4	77.0	79.7	80.5	81.9	82.7	82.7	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4
4.1	69.2	75.1	80.6	84.2	85.3	87.0	88.1	88.1	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2
4.2	69.4	75.4	81.3	85.1	86.2	88.1	89.2	89.2	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4
4.3	69.8	76.1	82.3	86.4	87.6	89.9	91.3	91.3	92.5	92.7	92.7	92.9	92.9	92.9	92.9	93.0
4.4	70.0	76.3	82.8	87.2	88.5	91.0	92.5	92.6	94.0	94.2	94.3	94.5	94.5	94.5	94.5	94.5
4.5	70.2	76.6	83.2	87.8	89.1	91.9	93.5	93.7	95.3	95.5	95.6	95.8	95.8	95.9	95.9	95.9
4.6	70.3	76.9	83.6	88.3	89.8	92.8	94.6	94.8	96.7	97.2	97.2	97.6	97.6	97.6	97.6	97.7
4.7	70.4	77.0	83.7	88.5	89.9	92.9	94.8	95.0	97.1	97.5	97.5	98.0	98.0	98.1	98.2	98.2
4.8	70.4	77.0	83.7	88.6	90.0	93.1	95.1	95.2	97.4	98.0	98.0	98.6	98.6	98.8	98.9	98.9
4.9	70.4	77.0	83.7	88.6	90.0	93.1	95.1	95.3	97.5	98.1	98.1	98.8	98.9	99.1	99.3	99.3
5.0	70.4	77.0	83.7	88.6	90.0	93.1	95.1	95.3	97.6	98.1	98.2	99.0	99.1	99.4	99.8	99.8
5.1	70.4	77.0	83.7	88.6	90.0	93.1	95.1	95.3	97.5	98.2	98.2	99.1	99.2	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7319

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

		VISIBILITY - STATUTE MILES																
		10.0	9.5	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0
1000	FEET	.6	12.7	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
900	FEET	.6	12.8	13.1	13.3	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
800	FEET	.5	14.1	14.5	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
700	FEET	.5	14.1	14.5	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
600	FEET	.6	14.1	14.5	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
500	FEET	.0	14.6	14.9	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
400	FEET	.5	15.1	15.4	15.5	15.5	15.5	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
300	FEET	.4	15.1	15.4	15.5	15.5	15.5	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
200	FEET	.0	15.8	16.1	16.2	16.2	16.2	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
100	FEET	.6	16.5	16.8	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
0	FEET	.6	17.4	17.8	17.9	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
1000	FEET	.6	18.5	18.9	19.0	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
900	FEET	.6	19.8	20.2	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
800	FEET	.6	22.3	22.7	22.8	22.8	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
700	FEET	.6	26.6	27.2	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
600	FEET	.6	33.8	34.9	35.4	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
500	FEET	.7	45.8	47.8	48.9	49.0	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
400	FEET	.7	58.5	62.0	63.6	64.5	64.9	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
300	FEET	.7	59.7	63.3	65.4	66.4	66.8	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
200	FEET	.7	66.8	72.0	75.7	77.5	78.1	79.8	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
100	FEET	.7	69.1	74.6	79.2	81.7	82.7	84.5	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0	FEET	.7	70.7	77.2	82.3	85.7	86.9	89.0	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
1000	FEET	.7	71.0	77.8	82.9	86.5	87.7	90.0	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
900	FEET	.7	71.2	78.1	84.1	87.9	89.1	91.8	92.8	92.8	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7
800	FEET	.7	71.6	78.7	84.8	88.6	89.8	92.6	93.9	94.0	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9
700	FEET	.7	71.7	78.9	85.1	88.9	90.1	93.2	94.9	95.0	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8
600	FEET	.7	71.7	78.9	85.1	89.4	90.6	93.9	95.8	95.9	96.8	96.8	96.8	97.3	97.3	97.3	97.3	97.3
500	FEET	.7	71.7	78.9	85.1	89.4	90.7	94.0	95.9	96.1	97.1	97.1	97.1	97.6	97.6	97.6	97.6	97.6
400	FEET	.7	71.7	78.9	85.1	89.4	90.7	94.0	95.9	96.1	97.5	97.5	97.5	98.2	98.2	98.2	98.2	98.2
300	FEET	.7	71.7	78.9	85.1	89.4	90.7	94.1	96.1	96.2	97.6	97.7	97.7	98.4	98.4	98.6	98.6	98.7
200	FEET	.7	71.7	78.9	85.1	89.4	90.7	94.1	96.1	96.2	97.7	97.8	97.8	98.6	98.6	99.2	99.2	99.5
100	FEET	.7	71.8	79.1	85.2	89.5	90.8	94.3	96.2	96.3	97.8	98.0	98.0	98.7	98.7	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC 0-14-5 OL A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAM NAS AK

73-82

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

		VISIBILITY STATISTICS															
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
1000	2	11.9	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
900	4	12.8	12.9	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
800	4	13.2	13.4	13.5	13.5	13.5	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
700	4	13.5	13.8	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
600	4	13.5	13.8	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
500	4	13.7	13.9	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
400	4	14.3	14.5	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
300	4	14.4	14.6	14.7	14.7	14.7	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
200	4	14.6	14.9	15.0	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
100	4	14.9	15.1	15.2	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
50	4	15.1	15.3	15.6	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
25	4	15.6	15.8	16.0	16.0	16.0	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
10	4	17.0	17.2	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
5	4	19.6	20.0	20.2	20.2	20.2	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
2	4	23.2	23.7	24.0	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
1	4	29.9	30.9	31.6	31.7	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
0.5	4	39.9	41.0	42.6	43.4	43.5	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
0.25	4	53.2	55.2	57.8	59.0	59.2	59.4	59.8	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0
0.1	4	54.5	57.4	60.2	61.4	61.6	61.8	62.2	62.2	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4
0.05	6	62.2	67.7	73.7	75.7	76.9	77.8	78.4	78.4	78.9	79.3	79.3	79.4	79.4	79.4	79.4	79.4
0.025	6	63.8	70.2	77.1	79.9	81.3	83.1	84.1	84.1	84.4	84.8	84.8	84.9	84.9	84.9	84.9	84.9
0.01	7	65.6	72.8	80.7	84.2	86.1	88.7	90.2	90.2	90.7	91.1	91.1	91.3	91.3	91.3	91.3	91.3
0.005	7	66.0	73.3	81.3	84.9	86.8	89.5	91.0	91.0	91.5	92.0	92.0	92.1	92.1	92.1	92.1	92.1
0.0025	7	66.7	74.0	82.4	86.6	88.5	91.9	93.4	93.4	94.0	94.5	94.5	94.6	94.6	94.6	94.6	94.6
0.001	7	66.7	74.1	82.5	86.8	88.9	92.3	93.9	93.9	94.5	95.0	95.0	95.1	95.1	95.1	95.1	95.1
0.0005	7	66.9	74.4	82.8	87.2	89.5	93.1	94.9	94.9	95.7	96.2	96.2	96.3	96.3	96.3	96.3	96.3
0.00025	7	66.9	74.5	82.9	87.4	89.7	93.5	95.4	95.4	96.4	97.0	97.0	97.1	97.2	97.2	97.2	97.2
0.0001	7	66.9	74.5	82.9	87.4	89.7	93.5	95.4	95.4	96.4	97.0	97.0	97.1	97.2	97.2	97.2	97.2
0.00005	7	66.9	74.5	82.9	87.5	89.8	93.7	95.9	96.0	97.1	97.8	98.1	98.8	98.9	99.2	99.3	99.3
0.000025	7	66.9	74.5	82.9	87.5	89.8	93.7	95.9	96.0	97.1	97.8	98.1	98.9	99.0	99.4	99.6	99.6
0.00001	7	66.9	74.5	82.9	87.5	89.8	93.7	95.9	96.0	97.1	97.8	98.1	98.9	99.0	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 835

GLOBAL CLIMATOLOGY BRANCH
AFAPETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 AOA NAS AK

73-82

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

		VISIBILITY - STATUTE MILES															
		2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
1-1000	1.9	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
2-1000	1.9	11.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
3-1000	1.9	12.4	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
4-1000	1.9	12.4	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
5-1000	1.9	12.8	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
6-1000	1.9	13.2	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
7-1000	1.9	13.2	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
8-1000	1.9	13.8	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
9-1000	2.0	14.5	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
10-1000	2.2	14.5	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
11-1000	2.2	15.2	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
12-1000	2.3	17.0	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
13-1000	2.8	19.9	20.3	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
14-1000	3.0	24.2	24.6	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
15-1000	3.7	34.4	35.1	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.6	35.6
16-1000	4.1	45.8	47.6	48.8	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4
17-1000	4.1	58.4	60.8	62.4	63.0	63.2	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6
18-1000	4.1	59.9	62.7	64.4	65.1	65.2	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0
19-1000	4.1	66.9	71.7	75.1	76.9	77.8	78.1	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.7	79.7
20-1000	4.1	68.8	74.2	78.1	80.9	81.9	82.4	83.9	83.9	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4
21-1000	4.1	70.7	77.0	81.6	85.0	86.2	87.4	89.4	89.4	90.0	90.1	90.2	90.4	90.4	90.4	90.6	90.6
22-1000	4.1	70.8	77.4	82.1	85.9	87.1	88.3	90.2	90.2	91.0	91.1	91.3	91.5	91.5	91.6	91.6	91.6
23-1000	4.1	70.8	77.6	82.4	86.5	87.8	89.1	91.4	91.4	92.6	92.9	93.1	93.3	93.3	93.4	93.4	93.4
24-1000	4.1	70.9	78.2	83.3	87.6	88.9	90.2	92.6	92.6	93.8	94.1	94.3	94.5	94.5	94.6	94.6	94.6
25-1000	4.1	71.1	78.3	83.4	87.9	89.2	90.7	93.2	93.2	94.5	94.9	95.1	95.5	95.5	95.6	95.6	95.6
26-1000	4.1	71.2	78.6	84.0	88.6	90.0	91.4	94.1	94.1	95.7	96.1	96.3	96.8	96.8	97.1	97.1	97.1
27-1000	4.1	71.2	78.6	84.0	88.6	90.1	91.5	94.4	94.4	95.9	96.4	96.7	97.1	97.1	97.5	97.5	97.5
28-1000	4.1	71.2	78.7	84.2	88.9	90.3	91.7	94.9	94.9	96.5	97.1	97.5	98.1	98.1	98.6	98.6	98.6
29-1000	4.1	71.2	79.7	84.2	88.9	90.3	91.7	94.9	95.0	96.8	97.5	97.8	98.6	98.6	99.0	99.2	99.2
30-1000	4.1	71.2	78.7	84.2	88.9	90.3	91.7	94.9	95.0	96.8	97.5	97.8	98.7	98.7	99.3	99.6	99.6
31-1000	4.1	71.2	78.7	84.2	88.9	90.3	91.7	94.9	95.0	96.8	97.5	97.8	98.7	98.7	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	1/8	1/4	1/2	3/4	1	2	3	4	5	6	7	8	9	10	11	12
NO FOG	5.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0
1/8	5.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2
1/4	5.6	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4
1/2	5.6	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4
3/4	5.6	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4
1	5.6	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6
2	5.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.8	10.8	10.8	10.8	10.8	10.8	10.8
3	5.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0
4	6.3	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3
5	7.3	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	15.0	15.0	15.0	15.0	15.0	15.0	15.0
6	7.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4
7	7.4	15.8	15.8	15.8	15.9	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0
8	8.1	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1
9	9.3	20.8	20.8	20.8	20.9	20.9	20.9	20.9	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1
10	11.0	25.8	26.1	26.4	26.6	26.7	26.7	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8
11	13.6	35.5	35.9	36.5	36.6	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8
12	14.8	46.3	47.7	49.5	49.8	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
13	15.3	58.9	61.2	63.6	64.0	64.1	64.6	64.7	64.7	65.2	65.2	65.2	65.2	65.2	65.2	65.2
14	15.6	62.2	65.1	67.7	68.1	68.3	68.8	68.9	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4
15	15.6	66.6	72.6	77.2	78.6	79.5	80.6	81.3	81.5	81.9	81.9	81.9	82.1	82.1	82.1	82.1
16	15.6	67.0	73.8	79.4	81.6	82.9	84.3	85.2	85.3	85.9	86.0	86.0	86.2	86.2	86.2	86.2
17	15.6	68.1	75.5	81.9	84.4	86.0	88.0	89.2	89.7	91.1	91.4	91.4	91.6	91.7	91.7	91.7
18	15.6	68.1	75.6	82.1	84.8	86.4	88.4	89.6	90.1	91.6	92.0	92.0	92.2	92.3	92.3	92.3
19	15.6	68.2	75.8	82.4	85.4	87.1	89.2	90.4	90.9	92.5	92.9	92.9	93.3	93.5	93.5	93.5
20	15.6	68.2	76.0	82.8	85.9	87.6	90.0	91.1	91.6	93.3	93.8	93.8	94.1	94.4	94.4	94.4
21	15.6	68.2	76.0	82.9	86.1	87.9	90.4	91.9	92.3	94.0	94.9	94.9	95.5	95.7	95.7	95.7
22	15.6	68.2	76.2	83.6	87.0	88.8	91.3	92.8	93.3	95.1	96.4	96.4	97.1	97.4	97.4	97.4
23	15.6	68.2	76.2	83.6	87.1	88.9	91.5	93.2	93.7	95.7	97.1	97.1	98.0	98.2	98.2	98.2
24	15.6	68.2	76.2	83.6	87.1	88.9	91.5	93.3	93.8	96.1	97.8	97.8	98.7	98.9	99.2	99.3
25	15.6	68.2	76.2	83.6	87.1	88.9	91.5	93.3	93.8	96.1	97.8	97.8	98.8	99.0	99.4	99.5
26	15.6	68.2	76.2	83.6	87.1	88.9	91.5	93.3	93.8	96.1	97.8	97.8	98.8	99.0	99.5	99.8
27	15.6	68.2	76.2	83.6	87.1	88.9	91.5	93.3	93.8	96.1	97.8	97.8	98.8	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATISTICAL VALUES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
10000	4.5	9.9	10.0	10.0	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
9000	4.8	10.3	10.4	10.4	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
8000	5.3	11.8	11.7	11.7	11.8	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
7000	5.3	11.7	11.8	11.8	11.9	11.9	11.9	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
6000	5.4	12.1	12.2	12.2	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
5000	5.6	12.4	12.5	12.5	12.6	12.6	12.6	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
4000	5.8	13.0	13.1	13.1	13.2	13.2	13.2	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
3000	6.1	13.5	13.6	13.6	13.7	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
2000	6.6	14.2	14.3	14.3	14.4	14.4	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
1500	7.5	16.1	16.3	16.3	16.5	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
1000	7.5	16.3	16.7	16.7	16.8	16.8	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
500	7.8	16.7	17.1	17.1	17.2	17.2	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
400	8.6	17.9	18.3	18.3	18.4	18.4	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
300	10.4	21.2	21.6	21.6	21.7	21.7	22.0	22.1	22.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2
250	12.5	27.0	27.6	27.6	27.7	27.7	27.9	28.0	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2
200	14.7	36.5	37.8	38.3	38.5	38.5	38.8	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0
150	16.5	45.9	48.7	49.5	49.9	50.0	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
100	17.4	58.1	60.8	63.4	64.1	64.4	64.9	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5
75	17.5	61.1	63.7	66.7	67.4	67.8	68.3	68.6	68.6	69.1	69.1	69.1	69.2	69.2	69.2	69.2
50	17.5	66.8	71.0	75.5	77.6	78.2	79.5	80.3	80.3	80.9	80.9	80.9	81.0	81.0	81.0	81.0
25	17.5	67.5	72.3	77.9	80.5	81.4	83.1	84.2	84.2	84.8	84.8	84.8	85.0	85.0	85.0	85.0
10	17.7	69.1	74.1	81.3	84.8	85.8	87.8	89.4	89.5	90.2	90.7	90.7	90.8	90.8	90.8	90.8
5	17.7	69.1	74.1	81.3	85.1	86.0	88.3	90.2	90.3	91.1	91.5	91.5	91.6	91.6	91.6	91.6
1	17.7	69.3	74.7	82.1	85.9	86.9	89.3	91.4	91.5	92.5	93.1	93.1	93.3	93.3	93.3	93.3
0	17.7	69.8	75.2	82.6	87.1	88.1	90.6	92.7	92.8	93.9	94.5	94.5	94.7	94.7	94.7	94.7
0	17.7	69.9	75.4	82.8	87.6	88.5	91.1	93.4	93.7	94.7	95.3	95.3	95.7	95.7	95.7	95.7
0	17.7	69.9	75.4	83.1	88.2	89.1	91.8	94.5	94.9	96.1	96.8	96.8	97.1	97.1	97.1	97.1
0	17.7	69.9	75.4	83.1	88.2	89.1	91.8	94.5	94.9	96.2	97.1	97.1	97.6	97.7	97.7	97.7
0	17.7	69.9	75.4	83.1	88.2	89.1	91.8	94.5	94.9	96.3	97.9	97.9	98.7	98.8	99.2	99.3
0	17.7	69.9	75.4	83.1	88.2	89.1	91.8	94.5	94.9	96.3	97.9	97.9	99.0	99.2	99.6	99.8
0	17.7	69.9	75.4	83.1	88.2	89.1	91.8	94.5	94.9	96.3	98.0	98.0	99.2	99.3	99.8	99.9
0	17.7	69.9	75.4	83.1	88.2	89.1	91.8	94.5	94.9	96.3	98.0	98.0	99.2	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 838

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-62

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

		VISIBILITY IN STATUTE MILES																
		20	20	20	24	24	24	24	24	24	24	24	24	24	24	24	24	24
NO.	FEET	4.5	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
1	20000	4.5	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
2	18000	5.0	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
3	16000	5.0	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
4	14000	5.1	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
5	12000	5.1	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
6	10000	5.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
7	9000	5.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
8	8000	5.9	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
9	7000	6.6	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
10	6000	6.6	14.3	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
11	5000	7.2	15.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
12	4500	8.0	17.5	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
13	4000	9.5	20.4	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
14	3500	11.5	26.3	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
15	3000	14.4	37.3	37.9	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
16	2500	15.2	46.1	47.7	48.3	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
17	2000	16.2	57.0	59.3	61.6	62.4	62.9	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
18	1800	16.3	59.8	62.2	64.4	65.9	66.5	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
19	1500	16.4	65.3	68.6	73.1	75.4	76.3	77.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
20	1200	16.4	66.5	70.0	76.1	78.9	80.1	81.5	82.9	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
21	1000	16.4	67.5	71.4	78.1	82.4	83.8	86.4	87.8	87.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
22	900	16.4	67.5	71.4	78.1	82.4	83.8	86.4	87.8	87.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
23	800	16.4	67.6	71.9	78.7	83.2	84.9	87.7	88.5	90.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
24	700	16.4	67.6	72.1	78.9	83.9	85.7	88.8	90.7	91.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
25	600	16.4	67.9	72.2	79.1	84.4	86.4	89.5	91.4	91.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
26	500	16.4	67.9	72.2	79.1	84.4	86.4	89.5	91.4	91.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
27	400	16.4	67.9	72.2	79.1	84.4	86.4	89.5	91.4	91.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
28	300	16.4	67.9	72.2	79.1	84.4	86.4	89.5	91.4	91.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
29	200	16.4	68.0	72.3	79.2	84.9	86.8	90.2	92.1	92.5	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5
30	100	16.4	68.0	72.3	79.2	84.9	86.8	90.2	92.1	92.5	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5
31	0	16.4	68.1	72.5	79.3	85.0	87.0	90.3	92.3	92.6	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6

TOTAL NUMBER OF OBSERVATIONS 828

USAF ETAC 0-14.5/OL A: PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

		VISIBILITY (STATUTE MILES)															
		210	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6
1	1000	2.8	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
2	900	3.0	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
3	800	3.1	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
4	700	3.2	11.0	11.0	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
5	600	3.2	11.0	11.0	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
6	500	3.2	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
7	400	3.4	11.6	11.6	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
8	300	3.4	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
9	200	3.5	12.7	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
10	100	4.0	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
11	50	4.0	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
12	25	4.2	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
13	10	4.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
14	5	4.4	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
15	1	4.8	21.7	21.8	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
16	0.5	5.5	29.3	29.9	30.1	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
17	0.25	6.1	41.5	42.8	43.8	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
18	0.1	6.5	51.8	54.6	57.4	58.8	59.4	59.5	59.8	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1
19	0.05	6.6	53.7	57.1	60.1	61.4	62.0	62.1	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
20	0.025	6.8	60.2	65.2	70.0	72.1	73.4	74.3	75.3	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9
21	0.01	6.8	61.5	67.3	73.0	75.5	77.1	78.2	79.5	79.6	80.3	80.3	80.3	80.3	80.3	80.3	80.3
22	0.005	6.8	63.4	70.3	77.5	80.8	82.7	84.1	86.2	86.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6
23	0.0025	6.8	63.5	70.4	77.6	80.9	83.0	84.8	86.9	87.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6
24	0.001	6.8	63.7	70.6	78.1	82.1	84.2	86.2	88.5	88.7	90.4	90.8	90.8	90.9	91.0	91.1	91.2
25	0.0005	6.8	63.7	70.7	78.7	83.3	85.6	87.6	90.0	90.3	92.1	92.4	92.4	92.7	92.8	92.9	93.0
26	0.00025	6.8	63.8	71.1	79.1	83.8	86.1	88.1	90.5	90.8	92.8	93.2	93.2	93.4	93.5	93.6	93.8
27	0.0001	6.8	63.8	71.1	79.4	84.3	86.6	89.1	92.1	92.3	94.7	95.2	95.2	95.6	95.8	96.0	96.2
28	0.00005	6.8	63.8	71.1	79.7	84.8	87.1	89.7	92.8	93.0	95.7	96.2	96.2	96.6	96.9	97.1	97.2
29	0.000025	6.8	63.8	71.1	79.9	85.0	87.3	89.9	93.0	93.3	96.2	96.9	96.9	97.5	97.7	98.1	98.2
30	0.00001	6.8	63.8	71.1	79.9	85.0	87.3	90.0	93.4	93.6	96.6	97.6	97.6	98.2	98.4	98.8	98.9
31	0.000005	6.8	63.8	71.1	79.9	85.0	87.3	90.0	93.4	93.6	96.6	97.6	97.6	98.6	98.8	99.4	99.6
32	0.0000025	6.9	63.8	71.1	79.9	85.0	87.3	90.0	93.4	93.6	96.6	97.6	97.6	98.6	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 834

2
1
GL GAL CLIMATOLOGY BRANCH
USAF ETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAM NAS AK

73-82

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

		VISIBILITY (STAT. MILES)															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1000	FEET	.6	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
1200	FEET	.6	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
1400	FEET	.6	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
1600	FEET	.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
1800	FEET	.6	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
2000	FEET	.6	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
2200	FEET	.6	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
2400	FEET	.6	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
2600	FEET	.6	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
2800	FEET	.6	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
3000	FEET	.6	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
3200	FEET	.6	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
3400	FEET	.6	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
3600	FEET	.6	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
3800	FEET	.6	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
4000	FEET	.6	32.2	32.5	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
4200	FEET	.7	42.8	44.1	44.9	45.2	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
4400	FEET	.3	55.8	58.6	60.6	61.2	61.7	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
4600	FEET	.8	57.8	60.8	63.8	64.2	64.7	65.1	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
4800	FEET	.8	64.6	68.8	72.9	74.3	75.3	76.6	77.3	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8
5000	FEET	.8	65.9	71.9	77.6	79.8	81.1	82.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
5200	FEET	.8	68.6	75.2	82.0	85.4	86.9	89.3	90.7	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.4
5400	FEET	.8	68.8	75.5	83.0	86.4	88.0	90.1	92.2	92.3	92.9	92.9	92.9	93.0	93.0	93.0	93.0
5600	FEET	.8	68.9	75.9	83.5	86.9	88.4	91.6	93.1	93.3	94.0	94.0	94.0	94.1	94.1	94.1	94.1
5800	FEET	.8	69.3	76.4	84.2	87.6	89.4	92.7	94.5	94.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0
6000	FEET	.8	69.4	76.5	84.5	88.0	89.9	93.3	95.1	95.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6
6200	FEET	.8	69.4	76.5	84.6	88.2	90.1	93.7	95.5	95.7	97.2	97.2	97.2	97.3	97.3	97.3	97.3
6400	FEET	.8	69.4	76.5	84.6	88.2	90.1	93.7	95.5	95.7	97.2	97.6	97.6	98.0	98.0	98.0	98.1
6600	FEET	.8	69.5	76.7	84.8	88.6	90.6	94.3	96.1	96.3	98.0	98.6	98.6	99.0	99.0	99.0	99.3
6800	FEET	.8	69.5	76.7	84.8	88.6	90.6	94.5	96.3	96.4	98.1	98.7	98.7	99.2	99.2	99.3	99.8
7000	FEET	.8	69.5	76.7	84.8	88.6	90.6	94.5	96.3	96.4	98.1	98.7	98.7	99.2	99.2	99.3	99.8
7200	FEET	.8	69.6	76.9	84.9	88.7	90.7	94.6	96.4	96.5	98.2	98.8	98.8	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 830

2

1

1

1

1

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4540 ADAK NAS AK

73-82

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING	1.4	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
1.6	7.9	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
1.9	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
1.9	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
1.9	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
2.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
2.1	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
2.4	11.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
2.7	12.9	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
2.8	13.6	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
2.8	14.7	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
2.9	15.7	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
3.1	17.4	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
3.4	22.6	22.9	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
4.6	33.2	34.4	34.8	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
5.3	44.2	46.9	48.1	49.1	49.2	49.3	49.3	49.3	49.3	49.6	49.6	49.7	49.7	49.7	49.7	49.7
5.1	55.9	60.6	63.1	65.0	65.2	66.0	66.3	66.4	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
6.1	58.0	62.8	65.4	67.6	67.9	68.8	69.0	69.1	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9
6.2	63.0	70.3	74.6	77.2	77.8	79.0	79.8	79.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
6.3	65.2	73.4	78.3	81.4	82.1	83.5	84.4	84.5	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0
6.4	66.6	75.8	81.9	85.7	86.7	88.8	90.0	90.2	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
6.4	67.0	76.2	82.5	86.4	87.3	89.4	90.8	91.0	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0
6.4	67.4	76.7	83.8	87.4	88.4	91.4	93.0	93.2	95.2	95.3	95.4	95.6	95.6	95.7	96.0	96.0
6.4	67.4	76.7	83.8	87.4	89.0	91.9	93.8	94.0	96.2	96.3	96.4	96.6	96.6	96.7	96.9	96.9
6.6	67.6	77.1	84.2	88.2	89.3	92.2	94.3	94.7	96.9	97.1	97.2	97.5	97.5	97.6	97.8	97.8
6.8	67.6	77.1	84.4	88.5	89.6	92.7	95.1	95.4	97.9	98.0	98.1	98.7	98.7	98.9	99.1	99.1
6.6	67.6	77.1	84.4	88.6	89.7	92.8	95.2	95.5	98.0	98.3	98.4	99.0	99.0	99.2	99.5	99.5
6.8	67.6	77.1	84.4	88.6	89.7	92.8	95.2	95.5	98.0	98.3	98.4	99.2	99.2	99.6	99.8	99.8
6.8	67.6	77.1	84.4	88.6	89.7	92.8	95.2	95.5	98.0	98.3	98.4	99.2	99.3	99.7	99.9	99.9
6.8	67.6	77.1	84.4	88.6	89.7	92.8	95.3	95.6	98.1	98.4	98.5	99.3	99.5	99.8	100.0	100.0
6.6	67.6	77.1	84.4	88.6	89.7	92.8	95.3	95.6	98.1	98.4	98.5	99.3	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 916

2
CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAM NAS AK

73-82

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

2.1	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
2.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
3.5	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
3.6	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
3.7	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
3.9	9.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
4.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
5.0	11.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
5.2	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
6.0	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
6.7	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
6.2	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
6.6	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
7.1	17.9	18.0	18.1	18.1	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
9.7	23.4	23.6	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
12.5	33.9	35.1	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
14.2	45.7	51.7	51.7	52.2	52.3	52.6	52.6	52.6	52.7	52.9	52.9	52.9	52.9	52.9	52.9
14.8	59.3	62.2	64.6	65.5	65.7	66.1	66.3	66.3	66.6	66.8	66.8	66.8	66.8	66.8	66.9
14.9	62.0	65.4	68.7	69.9	70.2	70.7	70.9	70.9	71.1	71.4	71.4	71.4	71.4	71.4	71.5
15.1	68.2	73.4	75.0	79.7	80.0	80.8	81.3	81.3	81.9	82.2	82.2	82.3	82.3	82.3	82.4
15.1	68.7	74.4	79.5	81.7	82.6	83.8	84.6	84.6	85.6	85.9	85.9	86.0	86.0	86.0	86.1
15.1	70.5	76.8	83.0	86.1	87.2	89.5	90.6	90.6	92.0	92.3	92.3	92.7	92.7	92.7	92.8
15.1	70.7	77.2	83.3	86.4	87.7	89.9	91.0	91.0	92.7	93.0	93.0	93.3	93.3	93.3	93.4
15.1	71.1	77.7	84.2	87.4	88.6	91.3	92.3	92.3	94.2	94.6	94.6	95.1	95.1	95.1	95.2
15.1	71.3	78.0	84.6	87.9	89.1	91.9	93.4	93.4	95.3	95.7	95.7	96.2	96.2	96.2	96.3
15.1	71.3	78.7	84.6	88.0	89.2	92.1	94.2	94.3	96.2	96.7	96.7	97.2	97.2	97.2	97.3
15.1	71.3	78.0	84.6	88.0	89.2	92.3	94.5	94.8	97.0	97.7	97.7	98.8	98.8	98.8	99.0
15.1	71.3	78.0	84.6	88.0	89.2	92.5	94.8	95.0	97.4	98.0	98.0	99.1	99.1	99.2	99.3
15.1	71.3	78.0	84.6	88.0	89.2	92.5	94.8	95.0	97.4	98.1	98.1	99.3	99.3	99.6	99.7
15.1	71.3	78.0	84.6	88.0	89.2	92.5	94.8	95.0	97.4	98.3	98.3	99.5	99.5	99.8	99.9
15.1	71.3	78.0	84.6	88.0	89.2	92.5	94.8	95.0	97.4	98.3	98.3	99.5	99.5	99.8	100.0
15.1	71.3	79.0	84.6	88.0	89.2	92.5	94.8	95.0	97.4	98.3	98.3	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

915

2
CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4540 ADAM NAS AK

73-82

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

VISIBILITY STATISTICS																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
2	3.3	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
3	3.8	6.9	6.9	6.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
4	3.8	6.9	6.9	6.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
5	3.9	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
6	3.9	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
7	4.2	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
8	4.6	8.1	8.1	8.1	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
9	5.0	8.7	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
10	5.2	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
11	5.3	10.7	10.7	10.7	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
12	6.0	11.9	11.9	11.9	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
13	6.5	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
14	7.7	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
15	9.9	21.1	21.3	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
16	12.9	31.9	32.4	32.4	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
17	14.5	44.2	45.2	46.0	46.3	46.6	46.8	47.0	47.0	47.3	47.4	47.4	47.4	47.4	47.4	47.4
18	15.1	56.1	58.2	60.8	61.6	62.0	62.9	63.1	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.5
19	15.2	59.8	62.3	65.4	66.3	66.8	67.8	68.1	68.1	68.4	68.5	68.5	68.5	68.5	68.5	68.5
20	15.4	65.1	69.3	73.3	75.6	76.1	77.5	78.0	78.0	78.7	78.9	79.0	79.0	79.0	79.0	79.0
21	15.4	67.0	71.6	76.4	78.9	79.7	81.5	82.4	82.4	83.2	83.4	83.5	83.5	83.5	83.5	83.5
22	15.5	68.5	73.9	80.0	83.1	84.5	86.8	87.9	87.9	89.1	89.4	89.4	89.5	89.5	89.5	89.5
23	15.5	68.9	74.0	80.8	83.8	85.5	87.8	89.5	89.5	90.8	91.0	91.0	91.1	91.1	91.1	91.1
24	15.5	70.1	75.2	82.2	85.5	87.3	90.1	91.9	91.9	93.4	93.6	93.7	93.8	93.8	93.8	93.8
25	15.5	70.5	75.6	82.6	85.9	87.7	90.6	92.4	92.4	94.0	94.2	94.4	94.5	94.5	94.5	94.5
26	15.5	70.6	75.7	82.8	86.2	88.1	91.2	93.3	93.3	95.1	95.4	95.5	95.8	95.9	95.9	95.9
27	15.5	70.6	75.7	82.8	86.2	88.1	91.5	93.6	93.6	96.3	96.4	96.5	96.7	97.3	97.5	97.5
28	15.5	70.6	75.7	82.8	86.2	88.1	91.6	93.7	93.7	96.6	97.1	97.3	98.6	98.8	99.0	99.0
29	15.5	70.6	75.7	82.8	86.2	88.1	91.6	93.8	93.8	96.7	97.2	97.4	98.7	99.0	99.2	99.5
30	15.5	70.6	75.7	82.8	86.2	88.1	91.6	93.8	93.8	96.9	97.4	97.6	98.9	99.3	99.7	100.0
31	15.5	70.6	75.7	82.8	86.2	88.1	91.6	93.8	93.8	96.9	97.4	97.6	98.9	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 921

GL BAL CLIMATOLOGY BRANCH
USAFETAC
ATF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

	2.3	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
	2.1	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
	2.5	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
	2.5	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
	2.5	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
	2.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
	3.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
	3.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	3.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
	4.8	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
	5.3	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
	5.4	15.2	15.2	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
	5.8	15.9	15.9	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
	6.2	17.5	17.5	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
	7.0	22.8	23.2	23.4	23.5	23.5	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
	8.8	30.7	31.7	32.2	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
	9.3	43.7	46.1	47.3	47.5	47.7	47.8	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1
	10.1	54.4	57.4	59.5	60.7	61.1	61.5	62.1	62.1	62.5	62.6	62.6	62.6	62.6	62.6	62.7
	10.2	56.5	60.2	62.6	64.0	64.3	64.8	65.4	65.4	65.8	65.9	65.9	65.9	65.9	65.9	66.0
	10.2	62.1	69.4	73.0	75.4	76.1	77.1	78.0	78.0	78.8	79.0	79.0	79.0	79.0	79.0	79.1
	10.2	63.5	70.1	76.3	79.3	80.3	81.9	82.8	82.8	83.6	83.8	83.9	83.9	83.9	83.9	84.0
	10.2	64.9	72.3	79.4	83.8	84.8	87.6	88.7	88.7	89.9	90.3	90.4	90.6	90.6	90.6	90.7
	10.2	65.1	72.8	79.9	84.4	85.3	88.3	89.6	89.6	91.1	91.5	91.6	91.8	91.8	91.8	91.9
	10.2	65.6	73.3	81.2	86.3	87.5	90.7	92.5	92.5	94.0	94.3	94.4	95.0	95.0	95.0	95.1
	10.2	65.9	73.5	81.4	86.5	87.7	91.2	93.1	93.3	95.0	95.3	95.4	96.0	96.0	96.0	96.1
	10.2	65.9	73.5	81.4	87.0	88.3	92.1	94.1	94.3	96.4	96.7	96.9	97.9	97.9	97.9	98.0
	10.2	65.9	73.6	81.5	87.2	88.5	92.3	94.3	94.5	96.9	97.4	97.6	98.7	98.7	98.7	98.8
	10.2	65.9	73.6	81.5	87.2	88.5	92.3	94.3	94.5	97.0	97.5	97.7	98.8	98.8	98.8	99.0
	10.2	65.9	73.4	81.6	87.3	88.6	92.5	94.4	94.6	97.2	97.6	97.9	99.0	99.0	99.0	99.5
	10.2	65.9	73.8	81.7	87.4	88.7	92.6	94.5	94.7	97.4	97.9	98.2	99.3	99.3	99.3	99.9
	10.2	65.9	73.6	81.7	87.4	88.7	92.6	94.5	94.7	97.4	97.9	98.2	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 914

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

ELEVATION FEET		VISIBILITY STATUTE MILES															
		27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. OF OBS.	1-2000	.9	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
	2-2000	.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
2-1800	2-1800	.9	9.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	2-1800	.9	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
2-1600	2-1600	.9	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
	2-1600	.9	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
2-1400	2-1400	.9	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
	2-1400	.9	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
2-1200	2-1200	.9	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7
	2-1200	.9	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4
2-1000	2-1000	.9	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2
	2-1000	.9	16.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6
2-800	2-800	.9	17.5	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	18.1	18.1	18.1	18.1	18.1	18.1
	2-800	.9	21.6	22.0	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4
2-600	2-600	.9	28.8	29.6	29.9	30.3	30.3	30.3	30.3	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4
	2-600	.9	41.4	43.9	44.7	45.8	45.8	46.0	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2
2-400	2-400	.9	53.5	56.7	58.9	60.1	60.2	60.5	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8
	2-400	.9	54.9	58.6	61.4	62.6	62.7	63.3	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7
2-200	2-200	.9	60.9	67.2	72.6	75.2	75.7	76.7	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4
	2-200	1.0	63.5	70.4	77.5	80.7	81.4	83.2	83.7	83.7	84.4	84.6	84.6	84.6	84.6	84.6	84.6
2-100	2-100	1.0	64.8	73.3	81.6	85.4	86.1	88.4	89.3	89.3	90.0	90.3	90.3	90.4	90.4	90.4	90.4
	2-100	1.0	65.3	74.0	82.4	86.4	87.1	89.4	90.4	90.4	91.1	91.4	91.4	91.5	91.5	91.5	91.5
2-50	2-50	1.0	65.5	74.5	84.0	88.3	89.1	91.8	92.9	92.9	93.9	94.1	94.1	94.2	94.2	94.2	94.2
	2-50	1.0	66.1	75.2	84.8	89.5	90.3	93.2	94.3	94.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7
2-25	2-25	1.0	66.1	75.3	85.0	89.7	90.5	93.5	94.7	94.7	96.2	96.5	96.5	96.6	96.6	96.6	96.6
	2-25	1.0	66.2	75.5	85.3	90.3	91.0	94.4	95.7	95.7	97.5	97.9	97.9	98.1	98.1	98.1	98.1
2-10	2-10	1.0	66.2	75.5	85.3	90.3	91.0	94.4	95.7	95.7	97.5	98.0	98.0	98.4	98.4	98.4	98.4
	2-10	1.0	66.2	75.5	85.3	90.3	91.0	94.4	96.0	96.0	98.0	98.6	98.6	98.9	98.9	98.9	99.0
2-5	2-5	1.0	66.2	75.5	85.3	90.3	91.0	94.4	96.1	96.1	98.1	98.7	98.7	99.2	99.2	99.2	99.5
	2-5	1.0	66.2	75.5	85.3	90.3	91.0	94.4	96.1	96.1	98.1	98.7	98.7	99.3	99.3	99.6	100.0
2-0	2-0	1.0	66.2	75.5	85.3	90.3	91.0	94.4	96.1	96.1	98.1	98.7	98.7	99.3	99.3	99.6	100.0
	2-0	1.0	66.2	75.5	85.3	90.3	91.0	94.4	96.1	96.1	98.1	98.7	98.7	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 914

CLIMATOLGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES																
	100	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12	10
1.5	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
1.8	8.1	8.1	8.1	8.1	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
2.1	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
2.4	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
2.7	9.7	9.8	9.8	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
3.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
3.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
3.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
3.9	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
4.2	13.0	13.1	13.1	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
4.5	13.8	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
4.8	14.8	14.9	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
5.1	15.7	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
5.4	17.5	17.6	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
5.7	22.4	22.4	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.2	23.2	23.2	23.2	23.2
6.0	31.7	32.7	33.0	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
6.3	43.8	46.7	47.0	47.6	47.7	47.9	48.0	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
6.6	55.6	59.1	61.5	62.5	62.8	63.3	63.5	63.5	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9
6.9	57.9	61.7	64.6	65.8	66.1	66.7	67.0	67.0	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
7.2	63.6	69.4	74.0	76.2	76.7	77.7	78.3	78.3	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
7.5	65.2	71.7	77.4	80.3	81.0	82.6	83.3	83.3	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5
7.8	66.5	73.9	80.7	84.5	85.4	87.8	88.8	88.9	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4
8.1	67.0	74.4	81.4	85.3	86.2	88.7	89.9	90.0	91.2	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
8.4	67.6	75.2	82.7	86.9	87.9	90.8	92.2	92.3	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.3
8.7	67.8	75.5	83.2	87.6	88.6	91.7	93.3	93.3	94.8	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.5
9.0	67.9	75.7	83.4	87.9	89.0	92.2	94.0	94.1	95.8	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.7
9.3	67.9	75.8	83.6	88.2	89.3	92.8	94.8	95.0	97.0	97.5	97.5	98.2	98.2	98.2	98.3	98.4	98.4
9.6	67.9	75.8	83.6	88.3	89.4	93.0	95.0	95.2	97.3	97.8	97.9	98.6	98.7	98.8	98.8	98.9	98.9
9.9	67.9	75.8	83.6	88.3	89.4	93.0	95.1	95.2	97.5	98.0	98.1	99.0	99.0	99.0	99.2	99.3	99.3
10.2	67.9	75.8	83.6	88.3	89.4	93.0	95.1	95.3	97.5	98.2	98.2	99.2	99.2	99.2	99.4	99.7	99.7
10.5	68.0	75.8	83.7	88.3	89.5	93.0	95.1	95.3	97.6	98.3	98.3	99.3	99.3	99.4	99.6	100.0	100.0
10.8	68.0	75.8	83.7	88.4	89.5	93.0	95.2	95.3	97.6	98.3	98.3	99.3	99.3	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7329

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	.1	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
900	.1	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
800	.1	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6
700	.1	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6
600	.1	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.7	9.7	9.7	9.7	9.7	9.7
500	.1	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.7	9.7	9.7	9.7	9.7	9.7
400	.1	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.7	9.7	9.7	9.7	9.7	9.7
300	.1	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.9	9.9	9.9	9.9	9.9	9.9
200	.1	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.5	10.5	10.5	10.5	10.5	10.5
100	.1	10.6	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	11.0	11.0	11.0	11.0	11.0	11.0
0	.1	11.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.6	11.6	11.6	11.6	11.6	11.6
1000	.1	11.9	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.3	12.3	12.3	12.3	12.3	12.3
900	.1	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.3	13.3	13.3	13.3	13.3	13.3
800	.1	14.9	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.5	15.5	15.5	15.5	15.5	15.5
700	.1	20.3	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	21.2	21.2	21.2	21.2	21.2	21.2
600	.2	29.6	30.6	30.6	30.9	30.9	30.9	30.9	30.9	30.9	31.1	31.1	31.1	31.1	31.1	31.1
500	.2	40.8	41.7	43.2	43.6	43.6	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9
400	.3	54.6	57.9	59.8	60.5	60.5	60.9	61.1	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5
300	.3	56.6	60.4	62.5	63.3	63.4	63.8	64.2	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6
200	.3	65.2	70.3	74.6	76.1	76.3	77.0	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9
100	.3	68.6	75.3	80.9	83.2	83.5	84.4	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3
0	.3	70.5	77.9	84.3	87.5	88.2	89.4	89.9	89.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3
1000	.3	71.2	78.6	85.4	88.8	89.8	90.9	91.5	91.5	92.9	93.2	93.2	93.2	93.2	93.2	93.2
900	.3	71.4	78.9	86.3	90.4	91.5	92.8	93.4	93.4	95.0	95.2	95.2	95.2	95.2	95.2	95.2
800	.3	71.8	79.4	87.3	91.5	92.6	94.5	95.1	95.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9
700	.3	71.8	79.4	87.5	92.0	93.2	95.3	96.2	96.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1
600	.3	71.8	79.4	87.5	92.3	93.5	96.0	96.9	96.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
500	.3	71.9	79.5	87.7	92.5	93.7	96.3	97.3	97.3	99.3	99.6	99.6	99.8	99.8	99.8	99.8
400	.3	71.9	79.5	87.7	92.6	93.8	96.4	97.4	97.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0
300	.3	71.9	79.5	87.7	92.6	93.8	96.4	97.4	97.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0
200	.3	71.9	79.5	87.7	92.6	93.8	96.4	97.4	97.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0
100	.3	71.9	79.5	87.7	92.6	93.8	96.4	97.4	97.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0
0	.3	71.9	79.5	87.7	92.6	93.8	96.4	97.4	97.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

APP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
NO. OF OBS.	2.5	5.7	5.8	5.8	5.8	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
2 2700	2.5	5.7	5.8	5.8	5.8	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
2 2600	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
2 2500	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
2 2400	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
2 2300	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
2 2200	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
2 2100	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
2 2000	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
2 1900	3.0	8.0	8.1	8.1	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
2 1800	3.7	9.8	9.9	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2 1700	3.7	10.8	10.7	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
2 1600	4.0	11.9	11.6	11.7	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
2 1500	4.4	12.2	12.4	12.5	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
2 1400	5.4	14.9	14.6	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
2 1300	7.3	21.6	21.8	22.2	22.2	22.2	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5
2 1200	8.5	28.4	28.9	29.7	29.7	29.7	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0
2 1100	10.3	39.6	41.1	42.9	43.6	43.7	43.9	43.9	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2
2 1000	12.4	54.6	57.9	61.3	62.2	62.7	63.1	63.1	63.1	63.5	63.7	63.7	63.7	63.7	63.7	63.7
2 900	12.5	56.9	60.8	64.3	65.4	65.8	66.3	66.3	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0
2 800	13.1	64.4	70.1	76.2	78.8	79.3	80.2	80.3	80.4	81.0	81.3	81.3	81.3	81.5	81.5	81.5
2 700	13.1	66.1	72.4	79.2	83.3	84.0	85.2	85.3	85.4	86.1	86.4	86.4	86.4	86.5	86.5	86.5
2 600	13.1	68.0	74.9	82.6	87.1	87.9	90.2	90.6	90.8	92.4	92.7	92.7	92.7	92.9	92.9	92.9
2 500	13.1	68.3	75.3	83.0	87.6	88.5	91.0	91.5	91.7	93.3	93.6	93.6	93.6	93.8	93.8	93.8
2 400	13.1	68.7	75.7	83.7	88.7	89.7	92.4	93.0	93.3	94.9	95.3	95.3	95.3	95.5	95.5	95.5
2 300	13.1	68.7	75.8	83.9	89.0	90.0	92.7	93.4	93.6	95.6	96.1	96.1	96.1	96.3	96.3	96.3
2 200	13.1	68.8	76.0	84.0	89.1	90.1	93.4	94.2	94.5	97.0	97.4	97.4	97.5	97.9	97.9	97.9
2 100	13.1	68.9	76.1	84.3	89.6	90.6	93.8	94.7	95.1	97.8	98.4	98.4	98.5	99.1	99.2	99.2
2 00	13.1	68.9	76.1	84.3	89.8	90.8	94.0	94.9	95.3	98.0	98.7	98.8	98.8	99.3	99.4	99.4
2 00	13.1	68.9	76.2	84.4	89.9	90.9	94.2	95.1	95.4	98.1	98.8	98.9	98.9	99.4	99.6	99.6
2 00	13.1	68.9	76.2	84.4	89.9	90.9	94.2	95.1	95.4	98.2	99.0	99.1	99.1	99.8	99.9	99.9
2 00	13.1	68.9	76.2	84.4	89.9	90.9	94.2	95.1	95.4	98.2	99.0	99.1	99.1	99.8	99.9	99.9
2 00	13.1	68.9	76.2	84.4	89.9	90.9	94.2	95.1	95.4	98.2	99.0	99.1	99.1	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 890

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

APP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

		VISIBILITY (STATUTE MILES)																	
		20	20	20	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
1000	1.3	3.8	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
2000	1.9	4.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
3000	2.4	5.6	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
4000	2.4	5.6	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
5000	2.4	5.6	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
6000	2.5	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
7000	2.5	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
8000	2.5	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
9000	2.9	6.9	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
10000	3.7	8.6	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
11000	4.3	9.7	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
12000	4.5	10.3	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
13000	5.4	11.7	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
14000	6.8	14.3	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
15000	11.2	22.6	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
16000	13.3	28.9	30.1	30.7	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
17000	14.9	40.0	41.8	42.8	43.5	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
18000	16.3	54.2	57.1	59.3	60.9	61.1	61.5	61.5	61.5	61.5	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
19000	16.4	57.3	60.6	63.0	65.0	65.2	65.8	65.8	65.8	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
20000	16.8	65.5	70.9	74.3	77.8	78.4	79.2	79.2	79.2	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
21000	16.9	67.9	74.7	78.8	83.0	84.0	85.0	85.3	85.3	85.3	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0
22000	17.0	69.1	76.4	81.6	86.8	87.8	89.3	90.4	90.4	90.4	91.5	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9
23000	17.0	69.2	76.7	82.2	87.8	88.8	90.1	91.2	91.2	91.2	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7
24000	17.0	69.9	77.5	83.4	88.9	90.3	92.2	93.6	93.6	93.6	94.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3
25000	17.0	69.9	77.5	83.7	89.5	91.0	93.0	94.4	94.4	94.4	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2
26000	17.0	69.9	77.7	83.9	89.8	91.4	93.8	95.1	95.1	95.1	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
27000	17.0	70.3	78.1	84.4	90.9	92.6	95.0	96.6	96.6	96.6	98.6	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2
28000	17.0	70.3	78.1	84.4	90.9	92.6	95.0	96.6	96.6	96.6	98.6	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3
29000	17.0	70.3	78.1	84.4	90.9	92.6	95.0	96.6	96.6	96.6	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4
30000	17.0	70.4	78.2	84.5	91.0	92.7	95.1	96.7	96.7	96.7	98.8	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5
31000	17.0	70.4	78.2	84.5	91.0	92.7	95.1	96.7	96.7	96.7	98.8	99.2	99.2	99.2	99.7	99.7	99.7	99.7	99.7
32000	17.0	70.4	78.2	84.5	91.0	92.7	95.1	96.7	96.7	96.7	98.8	99.2	99.2	99.2	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 0.5	≥ 0.3	≥ 0.1	≥ 0.05	≥ 0.01	≥ 0.00
NO CEILING	2.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
≥ 20000	2.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
≥ 18000	3.2	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 16000	3.2	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 14000	3.2	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 12000	3.5	4.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
≥ 10000	3.5	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
≥ 9000	3.5	5.0	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 8000	3.5	5.3	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥ 7000	3.6	6.1	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 6000	3.9	6.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 5000	4.2	7.3	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 4500	5.7	10.4	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
≥ 4000	6.2	12.1	12.2	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
≥ 3500	10.8	21.3	21.4	21.6	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 3000	13.2	29.3	29.5	30.0	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 2500	15.3	41.6	42.3	43.1	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.7
≥ 2000	16.7	54.7	56.1	57.4	58.1	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7
≥ 1800	17.2	59.3	61.2	62.8	63.7	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
≥ 1600	17.7	68.0	71.8	74.6	76.7	77.0	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 1400	17.7	70.0	75.2	79.3	81.5	82.2	83.7	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.2
≥ 1200	17.8	72.0	77.7	83.3	86.6	87.5	90.0	90.8	90.9	91.4	91.4	91.4	91.5	91.5	91.5	91.7
≥ 1000	17.8	72.0	78.0	83.9	87.3	88.3	91.0	91.9	92.0	92.6	92.6	92.6	92.7	92.7	92.7	92.8
≥ 900	17.8	72.8	79.5	85.9	89.9	91.0	94.3	95.2	95.3	96.4	96.5	96.5	96.6	96.6	96.6	96.7
≥ 800	17.8	72.9	79.7	86.2	90.5	91.7	95.5	96.6	96.7	97.9	98.0	98.0	98.1	98.1	98.1	98.2
≥ 700	17.8	72.9	79.7	86.5	90.8	91.9	95.8	97.1	97.2	98.3	98.4	98.4	98.5	98.5	98.5	98.6
≥ 600	17.8	72.9	79.7	86.6	90.9	92.0	96.3	97.5	97.6	98.9	99.1	99.1	99.3	99.3	99.3	99.4
≥ 500	17.8	72.9	79.7	86.6	91.0	92.1	96.4	97.6	97.7	99.0	99.2	99.2	99.5	99.5	99.5	99.7
≥ 400	17.8	72.9	79.7	86.6	91.0	92.1	96.4	97.6	97.7	99.0	99.2	99.2	99.7	99.7	99.7	99.8
≥ 300	17.8	72.9	79.7	86.6	91.0	92.1	96.4	97.6	97.7	99.0	99.2	99.2	99.7	99.7	99.7	99.8
≥ 200	17.8	72.9	79.7	86.6	91.0	92.1	96.4	97.6	97.7	99.0	99.2	99.2	99.7	99.7	99.7	99.8
≥ 100	17.8	72.9	79.7	86.6	91.0	92.1	96.4	97.6	97.7	99.0	99.2	99.2	99.7	99.7	99.7	99.8
≥ 0	17.8	72.9	79.8	86.7	91.1	92.2	96.5	97.7	97.9	99.1	99.3	99.3	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 887

2

73-82

APB

1833-2000

TOTAL NUMBER OF OBSERVATIONS 891

USAF ETAC 0-14-5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
FEDERAL CLIMATOLOGY BRANCH
METAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAM NAS AK

73-82

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100
100	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
90	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
80	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
70	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
60	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
50	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
40	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
30	9.9	9.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
20	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
10	10.8	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
0	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
100	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
90	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
80	21.6	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
70	29.7	29.9	30.1	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
60	41.1	41.7	42.6	42.8	42.9	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
50	54.1	55.5	57.5	58.3	58.4	58.8	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
40	56.6	58.6	61.0	61.8	61.9	62.3	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
30	63.6	67.2	72.1	74.0	74.1	74.7	75.4	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
20	66.2	71.7	76.9	77.7	80.0	81.0	81.8	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
10	67.7	73.4	81.5	85.6	86.1	87.6	88.5	88.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
0	67.8	73.6	81.9	86.7	86.7	88.4	89.7	89.7	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
100	68.2	74.8	83.4	88.0	88.6	90.6	92.0	92.0	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
90	68.6	75.1	84.1	88.8	89.4	91.6	93.3	93.3	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
80	69.2	75.7	84.6	89.5	90.2	92.5	94.4	94.4	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
70	69.5	76.2	85.1	90.2	91.0	93.6	95.6	95.6	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
60	69.5	76.2	85.1	90.7	91.5	94.2	96.3	96.3	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
50	69.5	76.2	85.1	90.7	91.5	94.4	96.5	96.5	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
40	69.5	76.2	85.1	90.7	91.5	94.4	96.7	96.7	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
30	69.5	76.2	85.1	90.7	91.5	94.4	96.7	96.7	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
20	69.5	76.2	85.1	90.7	91.5	94.4	96.7	96.7	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
10	69.5	76.2	85.1	90.7	91.5	94.4	96.7	96.7	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0	69.5	76.2	85.1	90.7	91.5	94.4	96.7	96.7	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

885

AD-A134 203 ADAK HAS ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 24 AUG 83
UNCLASSIFIED USAFETAC/DS-83/038 SBI-AD-E850 421 F/G 4/2

ADAK NAS ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (..U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. 24 AUG 83
USAFETAC/DS-83/038 SBI-AD-E850 421 F/G 4/2

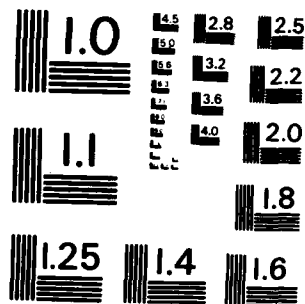
3/5

UNCLASSIFIED

F/G 4/2

NI

[illegible]



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

2

73-82

444

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

0000-0200

[illegible]TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

0300-0500

		VISIBILITY - STATUTE MILES															
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	1000	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
2	800	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
3	600	3.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
4	400	3.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
5	200	3.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
6	100	3.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
7	50	3.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
8	30	3.4	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
9	15	3.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
10	10	3.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
11	5	3.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
12	3	1.3	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
13	2	1.4	8.9	8.9	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
14	1	1.7	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
15	0.5	2.3	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
16	0.25	3.2	31.7	32.2	32.8	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.0
17	0.1	3.6	46.8	49.8	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8
18	0.05	3.7	51.5	55.2	57.3	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8
19	0.025	3.9	63.2	69.2	72.7	74.5	74.7	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1
20	0.01	3.9	68.3	76.3	80.8	83.1	83.4	83.8	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2
21	0.005	3.9	70.3	79.8	85.1	87.8	88.1	88.8	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3
22	0.0025	3.9	71.3	81.0	86.3	89.2	89.5	90.3	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8
23	0.001	3.9	72.3	82.0	87.6	90.6	90.9	91.7	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4
24	0.0005	3.9	73.6	84.1	90.1	93.2	93.6	94.4	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1
25	0.00025	3.9	73.7	84.7	90.8	94.0	94.3	95.2	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
26	0.0001	3.9	74.2	85.5	91.8	95.1	95.6	96.5	97.3	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6
27	0.00005	3.9	74.3	85.6	91.9	95.6	96.0	97.3	98.1	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5
28	0.000025	3.9	74.4	85.7	92.0	95.7	96.2	97.7	98.7	98.8	98.9	98.9	98.9	99.2	99.2	99.2	99.2
29	0.00001	3.9	74.5	85.8	92.1	95.9	96.3	97.9	98.9	99.0	99.1	99.1	99.1	99.5	99.5	99.5	99.5
30	0.000005	3.9	74.5	85.8	92.1	95.9	96.3	97.9	98.9	99.0	99.2	99.2	99.2	99.6	99.6	99.7	99.8
31	0.0000025	3.9	74.5	85.8	92.1	95.9	96.3	97.9	98.9	99.0	99.2	99.2	99.3	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 917

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600

		VISIBILITY - STATUTE MILES																
		210	20	25	24	23	22.5	22	21.5	21	20.5	20	19.5	19	18.5	18	17.5	17
NO. OF OBS.	1000	.5	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
1000	2000	.7	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
2000	3000	1.1	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
3000	4000	1.1	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
4000	5000	1.2	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
5000	6000	1.3	4.8	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
6000	7000	1.3	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
7000	8000	1.3	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
8000	9000	1.6	5.4	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
9000	10000	2.3	6.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
10000	11000	2.3	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
11000	12000	3.1	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
12000	13000	3.3	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
13000	14000	4.6	11.7	11.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.2	12.2	12.2	12.2
14000	15000	6.8	16.0	16.2	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.6
15000	16000	8.3	22.0	22.3	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.9	22.9	22.9	22.9
16000	17000	10.3	33.0	34.2	34.7	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0
17000	18000	12.3	47.4	49.6	51.4	52.1	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
18000	19000	12.4	51.9	55.3	58.1	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.3
19000	20000	13.1	63.0	69.0	73.1	74.6	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1
20000	21000	13.4	67.8	75.2	80.0	82.5	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
21000	22000	13.7	70.6	78.9	84.2	87.4	88.3	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
22000	23000	13.7	71.4	79.7	85.5	88.7	89.6	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
23000	24000	13.7	72.3	81.1	87.2	90.8	91.9	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
24000	25000	13.7	73.2	82.3	89.4	93.3	94.5	95.2	95.5	95.5	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8
25000	26000	13.7	73.3	82.6	90.0	94.1	95.4	96.2	96.5	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
26000	27000	13.7	73.4	83.2	90.8	95.1	96.5	97.5	97.9	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
27000	28000	13.7	73.4	83.2	90.8	95.1	96.6	97.8	98.2	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
28000	29000	13.7	73.4	83.2	90.8	95.1	96.6	97.8	98.2	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
29000	30000	13.7	73.4	83.2	90.9	95.3	96.8	98.2	98.8	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
30000	31000	13.7	73.4	83.2	90.9	95.3	96.8	98.2	98.8	99.1	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
31000	32000	13.7	73.4	83.2	90.9	95.3	96.8	98.2	98.8	99.1	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
32000	33000	13.7	73.4	83.2	90.9	95.3	96.8	98.2	98.8	99.1	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

7.4540

ADAK NAS AK

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

		VISIBILITY - STATUTE MILES															
		2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
1.0	0.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
1.0	0.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
1.0	0.9	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
1.0	1.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
1.0	1.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
1.0	1.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1.0	1.1	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
1.0	1.1	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
1.0	1.2	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
1.0	1.9	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
1.0	1.9	5.3	5.3	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1.0	1.6	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
1.0	2.1	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
1.0	2.5	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
1.0	4.3	13.6	13.6	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
1.0	7.9	20.7	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
1.0	10.3	34.5	35.2	35.5	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
1.0	13.3	49.3	51.9	53.2	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
1.0	14.4	54.7	58.0	60.0	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
1.0	16.0	67.6	72.6	76.0	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
1.0	16.4	73.5	78.7	82.4	84.1	84.9	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
1.0	16.6	76.6	82.4	87.1	89.2	90.1	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1.0	16.8	77.7	84.0	89.0	91.5	92.5	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
1.0	16.8	78.2	84.9	90.6	93.4	94.8	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
1.0	16.8	78.7	85.8	91.7	94.8	96.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1.0	16.8	78.7	85.8	91.9	95.0	96.3	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1.0	16.8	78.7	86.0	92.5	95.7	97.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
1.0	16.8	78.8	86.1	92.6	95.9	97.3	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1.0	16.8	78.8	86.1	92.6	95.9	97.3	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1.0	16.8	78.8	86.1	92.6	96.0	97.4	98.8	99.5	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
1.0	16.8	78.8	86.1	92.6	96.0	97.4	98.8	99.5	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY IN STATUTE MILES																	
	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
NO CEILING	1.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
1-2000	1.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
2-1000	1.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
3-500	1.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
4-100	1.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
5-1200	1.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
6-1500	1.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
7-1800	1.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
8-2000	2.4	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
9-2500	2.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
10-3000	2.9	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
11-3500	3.1	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
12-4000	3.7	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
13-4500	4.1	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
14-5000	7.3	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
15-5500	9.7	24.9	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
16-6000	13.2	36.4	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
17-6500	17.9	51.4	53.7	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
18-7000	18.8	56.4	59.1	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
19-7500	19.6	67.4	72.3	75.4	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
20-8000	19.6	72.1	78.6	82.8	83.9	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
21-8500	20.0	76.6	84.1	88.8	90.4	91.7	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
22-9000	20.0	77.2	85.1	89.7	91.9	93.3	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
23-9500	20.0	78.4	86.6	91.7	94.1	95.5	96.5	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
24-10000	20.0	78.6	87.1	92.4	95.0	96.4	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
25-10500	20.0	78.6	87.2	92.7	95.3	96.7	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
26-11000	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
27-11500	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
28-12000	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
29-12500	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
30-13000	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
31-13500	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
32-14000	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
33-14500	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
34-15000	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
35-15500	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
36-16000	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
37-16500	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
38-17000	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
39-17500	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
40-18000	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
41-18500	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
42-19000	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
43-19500	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
44-20000	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1730

CEILING FEET	VISIBILITY STATUTE MILES															
	20	15	10	5	3	2	1	1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512
1000	1.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
800	1.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
600	1.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
400	1.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
200	1.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
100	1.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
50	1.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
25	1.7	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
15	2.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
10	2.8	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
5	3.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
2.5	3.2	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
1.5	4.3	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
1.0	6.2	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
0.75	10.5	28.0	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
0.5	13.8	38.6	39.7	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
0.25	17.3	52.7	55.5	56.5	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
0.15	18.4	58.1	61.3	62.8	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
0.1	19.2	69.1	74.0	76.7	78.3	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
0.075	19.3	72.9	78.0	82.0	83.8	84.6	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
0.05	19.7	76.3	83.0	86.8	89.6	90.4	91.5	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
0.025	20.0	77.7	84.7	89.1	92.0	92.9	94.2	94.5	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8
0.015	20.0	78.4	85.9	90.6	93.8	94.8	96.2	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
0.01	20.0	78.4	86.3	91.3	94.5	95.5	97.2	97.6	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
0.0075	20.0	78.5	86.6	91.5	94.9	96.0	97.9	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9
0.005	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
0.0025	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
0.0015	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
0.001	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
0.00075	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
0.0005	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
0.00025	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
0.00015	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
0.0001	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
0.000075	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
0.00005	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
0.000025	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
0.000015	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
0.00001	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950
NO CEILING	1.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1-299	1.7	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
3-499	2.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
5-999	2.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
10-1499	2.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
15-1999	2.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
20-2499	2.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
25-2999	2.1	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
30-3499	2.4	4.8	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
35-3999	3.2	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
40-4499	3.2	6.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
45-4999	3.5	7.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
50-5499	3.9	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
55-5999	4.5	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
60-6499	5.9	16.4	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
65-6999	10.2	26.1	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
70-7499	14.4	37.8	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
75-7999	16.9	51.0	53.2	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
80-8499	17.3	56.8	59.4	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
85-8999	18.4	69.4	73.7	76.5	77.5	77.6	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9
90-9499	18.8	73.2	79.2	83.0	84.4	84.7	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
95-9999	18.7	75.7	82.4	87.5	89.3	89.8	90.2	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8
100-1499	18.7	76.2	83.1	88.4	90.4	91.0	91.8	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
1500-1999	18.7	77.5	84.7	90.1	92.7	93.6	94.5	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
2000-2499	18.7	77.9	85.4	91.8	94.5	95.3	96.4	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
2500-2999	18.7	77.9	85.4	91.8	94.5	95.4	96.8	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
3000-3499	18.7	77.9	85.4	91.8	94.5	95.8	97.2	97.8	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5
3500-3999	18.7	77.9	85.4	92.1	95.0	96.0	97.5	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9
4000-4499	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
4500-4999	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
5000-5499	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
5500-5999	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
6000-6499	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
6500-6999	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
7000-7499	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
7500-7999	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
8000-8499	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
8500-8999	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
9000-9499	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
9500-9999	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 919

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

ELEVATION FEET	VISIBILITY - STATUTE MILES															
	200	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1- 1000	.8	4.3	4.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
2- 1000	.9	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
3- 1000	.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
4- 1000	.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
5- 1000	.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
6- 1000	.9	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
7- 1000	.9	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
8- 1000	.9	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
9- 1000	1.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
10- 1000	1.2	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
11- 1000	1.2	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
12- 1000	1.2	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
13- 1000	1.3	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
14- 1000	1.3	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
15- 1000	1.7	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
16- 1000	3.0	22.5	22.7	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
17- 2500	5.0	33.9	35.3	35.8	35.8	35.8	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
18- 2500	6.0	48.3	51.1	52.4	52.8	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
19- 5000	6.1	52.3	55.6	57.1	57.7	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
20- 5000	6.5	64.0	68.9	72.7	74.2	74.5	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
21- 10000	6.5	68.2	74.1	78.8	81.0	81.4	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
22- 10000	6.5	71.4	78.2	83.7	86.3	86.7	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
23- 10000	6.5	72.1	79.4	85.0	87.9	88.4	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
24- 10000	6.5	73.4	81.3	87.1	90.3	91.1	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
25- 10000	6.5	74.0	82.5	89.0	92.5	93.3	95.4	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
26- 10000	6.5	74.3	82.8	89.4	92.9	93.7	96.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
27- 10000	6.5	74.3	82.8	89.6	93.3	94.1	96.4	97.3	97.3	97.7	97.7	97.7	97.7	97.8	97.8	97.8
28- 10000	6.5	74.4	83.1	89.9	93.8	94.7	97.0	98.4	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.8
29- 10000	6.5	74.4	83.1	89.9	94.0	94.9	97.4	99.0	99.0	99.3	99.3	99.3	99.3	99.6	99.6	99.6
30- 10000	6.5	74.4	83.1	89.9	94.0	94.9	97.4	99.1	99.1	99.5	99.5	99.5	99.5	99.9	100.0	100.0
31- 10000	6.5	74.4	83.1	89.9	94.0	94.9	97.4	99.1	99.1	99.5	99.5	99.5	99.5	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 919

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5
1000	0.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
900	0.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
800	1.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
700	1.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
600	1.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
500	1.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
400	1.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
300	1.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
200	1.3	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
100	1.8	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
0	1.8	6.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
1000	2.0	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
900	2.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
800	2.8	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
700	4.2	15.3	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
600	6.5	23.3	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
500	8.8	34.9	35.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
400	11.0	49.5	52.1	53.4	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
300	11.4	54.2	57.4	59.3	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
200	12.2	65.9	71.0	74.4	75.8	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
100	12.3	70.5	77.0	81.3	83.2	83.7	84.2	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5
0	12.4	73.7	81.1	86.2	88.7	89.4	90.1	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6
1000	12.5	74.5	82.2	87.5	90.3	91.0	91.9	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
900	12.5	75.5	83.6	89.1	92.2	93.1	94.1	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
800	12.5	76.2	84.8	90.7	94.0	94.9	96.1	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
700	12.5	76.3	84.9	91.1	94.5	95.4	96.7	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
600	12.5	76.4	85.2	91.5	95.1	96.1	97.5	98.1	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6
500	12.5	76.4	85.3	91.7	95.3	96.3	97.8	98.5	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0
400	12.5	76.5	85.3	91.7	95.3	96.4	98.0	98.7	98.8	99.2	99.3	99.3	99.4	99.4	99.4	99.4
300	12.5	76.5	85.3	91.7	95.5	96.5	98.2	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8
200	12.5	76.5	85.3	91.7	95.5	96.5	98.2	99.0	99.1	99.6	99.7	99.7	99.9	99.9	100.0	100.0
100	12.5	76.5	85.3	91.7	95.5	96.5	98.2	99.0	99.1	99.6	99.7	99.7	99.9	99.9	100.0	100.0
0	12.5	76.5	85.3	91.7	95.5	96.5	98.2	99.0	99.1	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7339

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

JUN

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING		3.8	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 20000		3.8	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 18000		4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 16000		4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 14000		4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 12000		4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 10000		4.7	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
≥ 9000		4.7	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
≥ 8000	.1	6.2	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 7000	.1	7.2	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
≥ 6000	.1	7.2	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
≥ 5000	.1	7.3	7.5	7.5	7.5	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 4500	.1	7.7	8.0	8.0	8.0	8.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
≥ 4000	.1	8.5	8.7	8.7	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
≥ 3500	.1	10.2	10.4	10.4	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
≥ 3000	.1	13.8	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 2500	.1	17.8	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
≥ 2000	.1	26.9	27.8	28.1	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 1800	.1	31.2	32.6	32.9	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 1500	.2	43.3	48.5	49.7	50.2	50.3	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 1200	.2	53.5	60.5	63.0	64.2	64.3	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1000	.4	58.7	67.3	71.3	73.1	73.2	74.2	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 900	.4	60.5	69.2	74.5	76.6	76.8	77.8	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 800	.4	61.8	71.3	76.9	79.5	79.7	80.9	81.2	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 700	.4	62.5	72.5	78.7	81.5	81.9	83.1	83.4	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 600	.4	64.7	74.9	81.7	84.9	85.2	86.7	87.0	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 500	.4	66.4	77.5	85.7	89.4	89.7	91.5	91.8	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 400	.4	66.7	77.9	86.9	91.0	91.5	93.8	94.4	94.6	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 300	.4	67.1	78.1	87.6	91.9	92.4	95.2	96.0	96.2	97.1	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	.4	67.1	78.1	87.6	92.2	92.6	95.7	97.0	97.2	98.4	98.9	98.9	99.0	99.0	99.3	99.3
≥ 100	.4	67.1	78.1	87.6	92.2	92.6	95.7	97.0	97.2	98.7	99.1	99.1	99.4	99.6	100.0	100.0
≥ 0	.4	67.1	78.1	87.6	92.2	92.6	95.7	97.0	97.2	98.7	99.1	99.1	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

VISIBILITY (STATUTE MILES)																
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1-2	1.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2-3	1.2	1.7	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
3-4	1.2	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
4-5	1.2	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
5-6	1.2	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
6-7	1.2	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
7-8	1.2	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
8-9	1.4	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
9-10	1.4	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
10-11	2.2	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
11-12	2.3	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
12-13	2.3	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
13-14	2.4	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
14-15	2.6	9.0	9.1	9.1	9.1	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
15-16	3.3	12.6	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
16-17	3.9	17.0	17.4	17.4	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
17-18	4.8	27.0	27.8	28.0	28.1	28.1	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
18-19	5.2	31.7	32.6	33.0	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
19-20	5.6	43.7	47.7	49.3	49.8	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
20-21	5.7	54.5	59.8	62.8	63.8	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
21-22	5.8	60.3	67.3	72.3	74.2	74.6	75.1	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5
22-23	5.9	62.4	69.8	75.3	77.3	77.8	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5
23-24	5.8	64.4	72.9	79.1	81.4	82.0	82.7	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4
24-25	5.8	65.7	74.3	81.0	83.7	84.3	85.2	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0
25-26	5.8	66.9	75.8	83.3	86.4	87.2	88.3	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
26-27	5.8	67.3	78.0	86.2	90.4	91.4	92.7	93.4	93.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1
27-28	5.8	67.8	78.5	87.2	91.5	92.5	94.0	94.8	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5
28-29	5.8	68.1	79.1	87.9	92.2	93.2	95.1	96.3	96.4	97.2	97.5	97.5	97.8	97.8	97.8	97.8
29-30	5.8	68.1	79.2	88.0	92.4	93.4	95.7	96.9	97.0	98.1	98.5	98.5	99.0	99.0	99.1	99.1
30-31	5.8	68.1	79.2	88.0	92.4	93.4	95.7	96.9	97.0	98.2	98.8	98.8	99.4	99.4	99.8	100.0
31-32	5.8	68.1	79.2	88.0	92.4	93.4	95.7	96.9	97.0	98.2	98.8	98.8	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 881

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

•

1

1

886

1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

		VISIBILITY - STATUTE MILES																			
CEILING - FEET	FEET	2.5	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	
1000	1000	2.4	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	
900	900	3.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	
800	800	3.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	
700	700	3.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	
600	600	3.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	
500	500	3.6	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	
400	400	3.6	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	
300	300	4.0	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	
200	200	5.1	9.1	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	
100	100	5.3	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	
0	0	5.3	10.0	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	
1000	1000	5.4	10.4	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	
900	900	5.5	11.3	11.5	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	
800	800	7.1	13.5	13.8	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	
700	700	9.6	17.9	18.2	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	
600	600	12.3	27.2	27.5	27.8	27.9	27.9	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	
500	500	17.7	41.0	41.8	42.2	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	
400	400	18.4	47.0	48.2	49.0	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	
300	300	20.9	67.9	71.4	73.1	73.9	73.9	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	
200	200	21.3	74.9	79.5	81.9	83.0	83.1	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	
100	100	21.7	79.7	85.3	88.6	90.4	90.9	91.4	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
0	0	21.7	80.2	86.1	89.6	91.6	92.1	92.7	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
1000	1000	21.7	80.8	87.0	90.9	92.9	93.3	94.0	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
900	900	21.8	81.4	87.9	92.4	94.9	95.4	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
800	800	21.8	81.5	88.1	92.9	95.5	95.9	96.6	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
700	700	21.8	81.8	88.4	93.3	96.3	97.1	97.9	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
600	600	21.8	82.1	88.6	93.6	96.5	97.3	98.3	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
500	500	21.8	82.1	88.6	93.6	96.5	97.4	98.4	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
400	400	21.8	82.1	88.6	93.7	96.6	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
300	300	21.8	82.1	88.6	93.7	96.6	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
200	200	21.8	82.1	88.6	93.7	96.6	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
100	100	21.8	82.1	88.6	93.7	96.6	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
0	0	21.8	82.1	88.6	93.7	96.6	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 886

USAF ETAC 0-14-5-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 AOK NAS AK

73-82

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
2.9	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
3.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
3.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
3.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
3.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
3.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
4.2	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
4.3	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
4.9	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
5.8	10.1	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
6.3	10.8	10.8	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
6.2	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
6.7	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
7.0	13.7	13.7	13.7	13.8	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
7.8	15.7	15.7	15.7	15.8	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
10.2	19.9	19.8	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
14.3	27.9	28.1	28.2	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
19.5	43.5	44.6	45.0	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
20.9	50.4	51.6	52.2	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
22.1	66.8	70.1	71.6	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
22.1	74.1	78.7	80.0	81.1	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
22.1	78.4	84.3	88.1	89.6	89.8	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
22.1	79.2	85.5	89.7	91.6	91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
22.3	80.7	87.3	92.1	94.0	94.2	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
22.3	80.8	87.4	92.7	94.7	95.0	95.5	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
22.3	81.1	88.5	93.7	95.8	96.2	96.6	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
22.3	81.5	89.7	94.7	97.2	97.8	98.1	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
22.3	81.5	89.0	94.8	97.4	97.9	98.4	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
22.3	81.5	89.0	94.8	97.4	97.9	98.5	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
22.3	81.5	89.2	94.9	97.5	98.0	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
22.3	81.5	89.2	94.9	97.5	98.0	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 885

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

		VISIBILITY - STATUTE MILES																			
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	
1-1000	3.4	5.7	5.8	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	
1-2000	3.3	5.7	5.8	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	
1-3000	4.6	7.1	7.2	7.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	
1-4000	4.6	7.4	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	
1-5000	4.6	7.4	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	
1-6000	4.7	7.5	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	
1-7000	4.9	8.2	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	
1-8000	5.0	8.5	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	
1-9000	5.0	8.7	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	
1-10000	5.9	10.5	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	
1-11000	6.5	10.7	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	
1-12000	6.4	11.4	11.6	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	
1-13000	6.5	11.9	12.2	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	
1-14000	7.4	13.5	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	
1-15000	8.0	14.9	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	
1-16000	9.7	19.1	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	
1-17000	11.4	25.1	25.8	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	
1-18000	14.8	39.2	40.8	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	
1-19000	16.6	45.7	47.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
1-20000	17.4	62.7	67.3	69.5	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	
1-21000	17.8	68.8	74.4	77.6	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	
1-22000	17.8	73.6	79.8	84.7	86.4	86.5	87.0	87.0	87.0	87.0	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
1-23000	17.8	74.5	80.8	86.2	88.0	88.1	88.5	88.6	88.6	88.6	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
1-24000	17.8	75.7	82.3	88.3	90.1	90.3	91.0	91.1	91.2	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
1-25000	17.8	76.4	83.5	89.6	91.8	92.1	93.1	93.2	93.3	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
1-26000	17.8	76.8	83.9	90.3	92.5	92.9	94.2	94.4	94.5	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
1-27000	17.8	76.8	84.3	90.9	93.3	93.9	95.7	96.0	96.1	96.4	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
1-28000	17.8	77.0	84.6	91.5	94.1	94.6	96.9	97.5	97.8	98.1	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
1-29000	17.8	77.0	84.6	91.5	94.2	94.9	97.2	97.9	98.2	98.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
1-30000	17.8	77.0	84.6	91.5	94.2	94.9	97.2	98.0	98.3	98.8	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
1-31000	17.8	77.0	84.6	91.5	94.2	94.9	97.2	98.0	98.3	98.8	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
1-32000	17.8	77.0	84.6	91.5	94.2	94.9	97.2	98.0	98.3	98.8	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	

TOTAL NUMBER OF OBSERVATIONS 897

CEILING VERSUS VISIBILITY

73-82

JUN

2100-2300

1.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
2.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
2.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
2.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
2.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
2.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
2.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
2.5	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
3.5	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
3.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
3.5	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
3.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
4.3	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
4.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
4.9	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
5.9	20.9	21.1	21.2	21.2	21.2	21.2	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
6.3	30.9	31.9	32.1	32.1	32.1	32.1	32.2	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
6.6	35.8	36.4	37.5	37.5	37.5	37.5	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
7.2	50.3	55.3	56.8	57.5	57.6	57.6	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
7.2	57.2	64.9	67.6	68.6	68.8	69.1	69.4	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
7.2	64.2	73.2	77.6	79.5	79.9	80.4	81.0	81.0	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8
7.2	65.9	76.4	79.5	81.4	81.8	82.4	83.1	83.1	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8
7.2	66.7	76.0	80.9	82.9	83.4	84.0	84.6	84.6	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6
7.2	68.0	78.1	83.7	86.0	86.4	87.0	87.7	87.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9
7.2	69.0	79.2	85.0	87.4	87.9	88.7	89.5	89.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7
7.2	69.8	80.0	86.4	90.0	90.7	91.5	92.5	92.5	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1
7.2	69.7	80.2	87.0	90.9	91.6	92.6	93.8	93.8	95.7	95.7	95.7	96.2	96.2	96.2	96.2	96.2
7.2	69.7	80.4	87.1	91.0	91.8	93.2	94.7	94.7	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.4
7.2	69.7	80.4	87.1	91.0	91.8	93.6	95.3	95.4	97.6	97.6	97.6	98.4	98.4	98.4	98.4	98.4
7.2	69.7	80.4	87.1	91.0	91.8	93.7	95.5	95.7	98.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3
7.2	69.8	80.5	87.2	91.1	91.9	93.8	95.6	95.8	98.4	98.7	98.7	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 891

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

JUN

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ELEVATION FEET		VISIBILITY - STAT MILES																
		20	18	16	14	12	10	8	6	4	3	2	1	1/2	1/4	1/8	1/16	1/32
NO. ELEV.	1.9	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
10000	1.9	3.6	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
8000	2.3	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
6000	2.3	4.7	4.9	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
4000	2.4	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
2000	2.4	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1000	2.5	5.3	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
500	2.6	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
300	2.8	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
200	3.5	7.7	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
100	3.6	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
50	3.8	8.5	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
25	4.0	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
10	4.3	10.2	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
5000	4.9	11.8	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
3000	6.2	15.3	15.5	15.6	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
2000	7.9	21.7	22.1	22.1	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
1000	11.0	33.8	34.8	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
500	11.7	39.3	40.6	41.3	41.5	41.5	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
300	12.9	54.8	58.7	60.5	61.2	61.2	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
200	13.0	62.6	67.9	70.8	71.9	72.0	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
100	13.2	68.2	75.0	79.5	81.4	81.8	82.3	82.5	82.5	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
50	13.3	69.8	76.7	81.8	83.9	84.3	84.8	85.0	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
25	13.3	71.0	78.6	84.2	86.5	87.0	87.6	87.9	87.9	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
10	13.4	72.1	80.2	86.3	88.8	89.3	90.1	90.4	90.4	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
5000	13.4	72.9	81.2	87.7	90.6	91.1	92.1	92.4	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
3000	13.4	73.4	82.3	89.4	92.7	93.5	94.6	95.2	95.2	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
2000	13.4	73.6	82.6	90.1	93.6	94.4	95.8	96.5	96.6	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
1000	13.4	73.7	82.7	90.3	93.9	94.8	96.5	97.3	97.4	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
500	13.4	73.7	82.8	90.4	94.0	94.9	96.8	97.8	97.9	98.9	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5
300	13.4	73.7	82.8	90.4	94.0	94.9	96.8	97.8	98.0	99.1	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0
200	13.4	73.8	82.8	90.4	94.0	94.9	96.8	97.8	98.0	99.1	99.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7101

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

US Nautical Miles																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	.4	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
2	.4	5.1	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
3	.4	5.8	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
4	.4	5.8	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
5	.4	5.8	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
6	.4	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
7	.4	6.5	6.6	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
8	.4	7.2	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5
9	.4	7.7	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0
10	.4	7.7	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0
11	.4	7.7	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0
12	.4	9.0	9.1	9.1	9.1	9.2	9.2	9.2	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3
13	.4	9.9	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2
14	.4	11.0	11.1	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3
15	.4	13.9	14.0	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3
16	.4	17.8	18.7	18.3	18.3	18.5	18.5	18.5	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.6
17	.4	23.6	24.5	25.1	25.4	25.5	25.5	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6
18	.4	26.2	27.6	28.2	29.0	29.1	29.1	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3
19	.4	37.5	40.4	41.8	43.1	43.3	43.4	43.6	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8
20	.4	44.1	48.9	51.1	53.8	54.2	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
21	.4	57.2	57.1	61.0	64.3	65.0	65.4	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
22	.4	51.2	58.5	62.9	66.2	67.3	67.8	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
23	.4	52.9	61.2	66.2	70.4	71.6	72.2	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1
24	.4	54.0	63.3	69.3	73.5	74.9	75.8	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7
25	.4	55.6	65.6	72.4	77.3	79.2	80.5	81.3	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7
26	.4	56.9	67.6	75.9	82.0	84.0	85.9	87.3	87.3	87.8	88.2	88.3	88.3	88.3	88.3	88.3
27	.4	57.3	68.5	77.7	84.8	87.0	89.4	91.0	92.0	92.3	92.3	92.3	92.5	92.5	92.6	92.6
28	.4	57.4	68.7	78.1	85.7	88.2	90.8	93.2	94.9	95.2	95.2	95.7	95.7	95.7	95.8	95.8
29	.4	57.5	68.9	78.5	86.5	89.0	92.3	94.7	94.7	96.9	97.3	97.3	98.4	98.4	98.5	98.5
30	.4	57.8	69.2	78.7	86.8	89.3	92.5	94.9	94.9	97.3	97.8	97.8	99.7	99.8	100.0	100.0
31	.4	57.8	69.2	78.7	86.8	89.3	92.5	94.9	94.9	97.3	97.8	97.8	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

2
1
LIBERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

VISIBILITY IN STATUTE MILES																	
	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12
1/2	1.7	3.8	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
3/4	1.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1	1.8	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
1 1/4	1.8	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
1 1/2	1.8	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
2	1.8	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
2 1/2	1.8	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
3	1.8	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
4	1.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
5	2.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
6	2.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
7	2.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
8	2.6	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
9	2.8	8.0	8.0	8.2	8.2	8.2	8.2	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
10	3.0	9.0	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
11	3.4	11.3	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
12	3.8	15.5	16.5	16.7	16.7	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
13	4.2	20.8	22.4	22.9	23.0	23.2	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
14	4.5	24.5	26.6	27.4	27.5	27.6	27.6	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
15	4.4	36.1	40.2	42.5	42.9	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5
16	4.8	42.7	47.5	51.1	52.4	52.9	52.9	52.9	53.0	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3
17	4.8	47.9	56.2	61.1	62.9	63.6	64.0	64.0	64.1	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6
18	4.8	48.8	57.4	62.7	64.8	65.4	65.9	66.0	66.1	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5
19	4.8	50.2	59.7	66.6	69.5	70.2	71.2	71.7	71.8	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5
20	4.8	52.1	62.4	69.7	72.8	73.9	75.0	75.9	76.0	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6
21	4.8	53.6	64.7	73.2	77.1	78.4	79.6	80.9	81.0	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8
22	4.8	54.8	66.7	76.3	81.8	83.6	85.5	87.2	87.3	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8
23	4.8	54.9	67.2	77.4	83.7	85.9	88.4	90.4	90.5	92.0	92.1	92.1	92.3	92.3	92.3	92.3	92.3
24	4.8	54.9	67.5	78.0	85.0	87.2	90.0	92.6	92.7	94.5	94.8	94.8	95.0	95.1	95.1	95.1	95.1
25	4.8	54.9	67.5	78.4	85.5	87.7	91.2	94.1	94.3	96.7	97.5	97.5	98.2	98.3	98.4	98.4	98.4
26	4.8	54.9	67.5	78.4	85.5	87.7	91.3	94.2	94.5	96.8	97.9	97.9	98.8	99.0	99.3	99.7	99.7
27	4.8	55.0	67.6	78.5	85.7	87.8	91.4	94.3	94.6	97.0	98.0	98.0	98.9	99.1	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC 0-14-5-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

		VISIBILITY, STATUTE MILES															
		2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
2.0	2.3	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
2.5	2.4	3.4	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9
3.0	2.9	4.1	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7
3.5	2.9	4.1	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7
4.0	2.9	4.1	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7
4.5	3.1	4.4	4.6	4.7	4.8	4.8	4.8	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0
5.0	3.3	4.6	4.8	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2
5.5	3.7	5.7	6.0	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4
6.0	4.2	6.9	7.3	7.4	7.5	7.5	7.5	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7
6.5	4.3	8.1	8.5	8.6	8.7	8.7	8.7	8.8	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9
7.0	5.0	8.4	8.8	8.9	9.0	9.0	9.0	9.2	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3
7.5	5.2	8.9	9.4	9.5	9.7	9.7	9.7	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9
8.0	5.3	9.6	10.1	10.2	10.5	10.5	10.5	10.6	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7
8.5	5.6	10.3	10.9	11.0	11.2	11.2	11.2	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4
9.0	6.5	13.2	14.2	14.3	14.5	14.5	14.6	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8
9.5	7.6	16.3	17.4	17.9	18.2	18.2	18.3	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5
10.0	9.5	22.4	24.3	25.7	26.0	26.0	26.5	26.6	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7
10.5	9.5	26.9	29.2	31.5	31.9	31.9	32.4	32.5	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7
11.0	10.3	37.9	42.6	46.9	48.1	48.5	48.9	49.0	49.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3
11.5	10.3	42.9	49.8	55.3	57.3	57.7	58.5	58.7	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
12.0	10.3	48.1	56.5	64.7	68.0	68.5	69.6	70.0	70.0	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5
12.5	10.3	49.1	58.3	67.2	70.9	71.6	72.9	73.4	73.4	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1
13.0	10.8	51.6	61.5	71.8	76.1	76.8	78.9	79.5	79.5	80.0	80.4	80.4	80.5	80.5	80.5	80.5	80.5
13.5	10.8	52.6	62.9	74.2	79.1	79.7	82.1	82.8	82.8	83.2	83.7	83.7	83.8	83.8	83.8	83.8	83.8
14.0	10.8	52.8	63.7	76.4	81.7	82.8	86.1	87.0	87.0	87.9	88.3	88.3	88.5	88.5	88.5	88.5	88.5
14.5	10.9	53.5	64.4	78.8	84.4	85.8	90.1	91.3	91.4	92.4	93.0	93.0	93.1	93.1	93.1	93.1	93.1
15.0	10.9	53.8	65.3	79.4	85.4	86.9	91.7	93.4	93.5	94.7	95.4	95.4	95.5	95.5	95.5	95.5	95.5
15.5	10.9	53.8	65.4	79.8	85.8	87.1	92.0	94.0	94.2	95.6	96.4	96.4	96.6	96.6	96.6	96.6	96.6
16.0	10.9	53.8	65.4	79.7	85.7	87.3	92.3	94.6	94.9	97.2	98.0	98.0	98.5	98.6	98.6	98.6	98.6
16.5	10.9	53.8	65.4	79.7	85.7	87.3	92.4	94.7	95.0	97.4	98.5	98.5	99.1	99.3	99.6	99.7	99.7
17.0	10.9	53.8	65.4	79.7	85.7	87.3	92.4	94.7	95.0	97.4	98.5	98.5	99.3	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

VISIBILITY - STATUTE MILES																	
	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	13/10	14/10	15/10	16/10	17/10
1000	3.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
900	3.8	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
800	4.1	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
700	4.1	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
600	4.1	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
500	4.5	7.2	7.2	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
400	4.7	7.5	7.5	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
300	4.9	8.3	8.3	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
200	5.5	9.9	9.9	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
100	5.9	10.4	10.4	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
50	6.0	10.8	10.8	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
25	6.1	11.2	11.2	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
10	6.3	12.2	12.3	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
5	6.6	13.1	13.2	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
2	7.6	16.2	16.4	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
1	9.2	20.5	21.4	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
1/2	12.5	28.3	29.8	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
1/4	12.4	32.4	34.3	36.8	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
1/8	14.6	45.6	50.1	53.9	55.7	55.9	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
1/16	15.1	51.8	58.9	64.4	66.6	66.8	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
1/32	15.5	57.7	66.6	74.8	78.2	78.7	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
1/64	15.5	59.0	68.8	77.8	81.4	81.9	83.4	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
1/128	15.7	60.5	70.8	80.4	84.7	85.4	86.8	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
1/256	15.7	61.4	72.1	82.4	86.6	87.8	89.6	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
1/512	15.7	61.9	73.2	84.2	89.0	90.4	92.6	93.6	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0
1/1024	15.7	62.5	74.1	85.4	91.3	92.8	95.2	96.4	96.4	96.6	97.0	97.0	97.1	97.1	97.1	97.1	97.1
1/2048	15.7	62.8	74.6	86.1	92.2	93.7	96.5	97.9	97.9	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7
1/4096	15.7	62.8	74.8	86.3	92.4	93.9	96.8	98.3	98.3	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6
1/8192	15.7	62.9	74.9	86.4	92.5	94.0	97.0	98.4	98.4	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7
1/16384	15.7	62.9	74.9	86.4	92.5	94.0	97.0	98.4	98.4	99.0	99.6	99.6	99.9	99.9	99.9	99.9	99.9
1/32768	15.8	63.3	75.0	86.5	92.6	94.1	97.1	98.5	98.5	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 919

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET		VISIBILITY STATUTE MILES															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1-1000	4.8	6.8	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
1-1000	5.5	8.7	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
1-1000	5.8	10.2	10.2	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
1-1000	5.8	10.2	10.2	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
1-1000	5.9	10.3	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
1-1000	6.0	10.5	10.5	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
1-1000	6.2	11.2	11.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
1-1000	6.2	11.2	11.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
1-1000	6.7	12.6	12.6	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
1-1000	7.4	14.8	14.9	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
1-1000	7.7	15.2	15.3	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
1-1000	7.8	15.4	15.6	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
1-1000	7.8	15.8	16.0	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
1-1000	7.9	16.1	16.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
1-1000	8.2	17.3	17.5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
1-1000	8.9	20.9	21.2	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
1-1000	10.7	24.9	25.2	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
1-1000	16.0	35.9	36.8	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
1-1000	16.3	40.3	41.2	41.7	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
1-1000	18.2	57.2	59.5	62.1	63.2	63.3	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
1-1000	18.5	65.6	68.8	72.9	74.3	74.4	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
1-1000	19.2	71.2	76.0	80.5	82.9	83.2	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
1-1000	19.2	72.2	77.3	82.1	85.1	85.7	86.9	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
1-1000	19.2	72.9	79.1	84.4	87.8	88.5	89.9	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
1-1000	19.2	73.7	80.5	86.5	90.1	90.9	92.8	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1-1000	19.2	74.3	81.6	88.0	92.0	92.8	94.9	95.4	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1-1000	19.2	74.5	82.1	89.0	93.8	94.5	96.8	97.5	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1-1000	19.2	74.5	82.3	89.5	94.2	95.0	97.7	98.5	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1-1000	19.2	74.5	82.3	89.5	94.2	95.0	97.7	98.5	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1-1000	19.2	74.5	82.3	89.5	94.2	95.1	97.8	98.7	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1-1000	19.2	74.5	82.3	89.5	94.2	95.1	97.8	98.7	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 913

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74540

ADAK NAS AK

73-62

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

3.3	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
3.9	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
4.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
4.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
4.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
4.5	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
4.6	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
4.6	11.0	11.0	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
5.7	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
6.6	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
6.7	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
6.9	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
7.1	16.5	16.6	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
7.5	17.6	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
8.4	19.3	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
9.4	23.2	23.2	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
11.9	28.3	28.5	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
15.8	39.6	40.6	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
16.3	46.4	47.7	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
17.6	60.2	63.2	65.4	66.6	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
17.7	65.6	69.9	73.3	74.9	75.1	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
18.1	71.1	76.7	81.1	83.4	83.9	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
18.1	72.1	78.3	83.2	86.1	86.6	87.8	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
18.1	72.8	80.2	85.9	89.1	89.7	91.1	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
18.1	74.1	82.1	88.1	91.8	92.4	94.0	94.6	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
18.2	74.5	82.5	88.8	92.6	93.3	95.1	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
18.2	75.3	83.2	89.6	94.0	94.7	96.5	97.8	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5
18.2	75.3	83.2	89.7	94.3	95.1	97.2	98.5	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1
18.2	75.3	83.2	89.7	94.3	95.1	97.2	98.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5
18.2	75.3	83.2	89.7	94.3	95.1	97.2	98.5	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7
18.2	75.3	83.2	89.7	94.3	95.1	97.2	98.5	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7
18.2	75.3	83.2	89.7	94.3	95.1	97.2	98.5	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 919

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

2.4	3.8	3.4	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
2.5	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
2.7	5.5	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
2.7	5.5	5.9	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
2.7	5.6	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
3.3	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
3.4	6.9	6.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
3.6	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
3.7	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
4.6	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
4.6	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
4.6	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
4.9	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
5.3	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
6.1	13.8	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
7.2	16.9	17.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
8.9	21.9	22.3	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
11.6	32.4	33.7	34.4	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
11.7	37.2	39.3	40.5	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0
12.8	48.6	51.0	55.2	56.1	56.4	56.8	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
13.0	55.7	60.3	64.8	66.8	66.8	67.3	67.9	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.3
13.1	62.5	68.7	74.4	77.9	78.3	79.0	79.8	79.8	79.9	80.1	80.1	80.3	80.5	80.5	80.5
13.1	64.0	70.7	76.4	79.9	80.3	81.1	81.9	81.9	82.0	82.2	82.2	82.4	82.5	82.5	82.5
13.1	64.8	72.0	78.5	82.4	83.1	84.0	84.8	84.8	85.0	85.2	85.2	85.5	85.6	85.6	85.6
13.1	66.0	73.7	80.7	84.9	85.9	87.1	88.1	88.1	88.3	88.5	88.5	88.7	88.8	88.8	88.8
13.1	66.7	75.1	82.4	86.8	87.9	89.4	90.6	90.6	91.0	91.2	91.2	91.4	91.5	91.5	91.5
13.1	67.3	76.2	83.6	88.8	90.3	92.2	93.5	93.5	94.1	94.5	94.5	94.7	94.8	94.8	94.8
13.1	67.9	77.1	84.6	90.1	91.9	93.9	95.4	95.4	96.5	97.1	97.1	97.6	97.7	97.7	97.7
13.1	67.9	77.1	84.6	90.2	92.0	94.0	95.8	95.8	97.1	97.6	97.6	98.3	98.4	98.4	98.4
13.1	67.9	77.1	84.6	90.7	92.4	94.6	96.3	96.3	98.0	98.6	98.6	99.2	99.3	99.5	99.5
13.1	67.9	77.1	84.6	90.7	92.4	94.6	96.3	96.4	98.3	98.8	98.8	99.5	99.6	99.9	100.0
13.1	67.9	77.1	84.6	90.7	92.4	94.6	96.3	96.4	98.3	98.8	98.8	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 921

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

2.1	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
2.1	4.1	4.1	4.1	4.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
2.2	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
2.2	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
2.4	5.2	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
2.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
2.7	5.9	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
2.7	7.1	7.1	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
2.9	9.1	9.1	9.1	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
2.9	9.2	9.2	9.3	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
2.9	9.3	9.3	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
3.2	9.7	9.8	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
3.3	10.4	10.5	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
3.4	12.0	12.2	12.3	12.3	12.4	12.4	12.4	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
3.7	14.4	14.7	14.8	14.8	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
4.4	18.1	19.2	19.4	19.4	19.5	19.5	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
5.1	25.7	27.1	27.7	27.9	28.1	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
5.2	30.1	31.1	33.0	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
5.3	40.1	43.6	46.1	47.2	47.5	48.1	48.4	48.4	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
5.5	45.2	50.1	53.8	56.1	56.6	57.4	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
5.6	50.5	57.5	62.2	65.5	66.3	67.6	68.0	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
5.6	51.7	59.2	65.0	68.3	69.1	70.5	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
5.6	53.6	61.9	68.3	72.6	73.6	75.0	75.5	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
5.6	55.2	64.5	71.8	76.4	77.9	79.4	80.0	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
5.6	56.1	65.4	74.7	79.8	81.7	84.0	84.6	84.6	85.2	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
5.6	56.9	66.3	76.0	81.9	84.0	87.4	88.5	88.6	89.7	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
5.6	57.2	66.8	77.3	83.8	86.0	90.1	91.3	91.4	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
5.6	57.2	66.9	77.4	84.0	86.4	91.0	92.8	93.0	94.5	95.5	95.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
5.6	57.3	67.0	77.6	84.6	87.1	91.9	93.9	94.3	95.9	97.1	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
5.6	57.3	67.1	77.6	84.6	87.1	91.9	93.9	94.3	96.1	97.5	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
5.6	57.3	67.0	77.6	84.6	87.1	91.9	93.9	94.3	96.1	97.5	97.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 916

2
FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 4543 ADAK NAS AK

73-62

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

2.5	4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
2.8	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
3.1	6.4	6.5	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
3.1	6.4	6.5	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
3.1	6.5	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
3.2	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
3.3	7.1	7.1	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
3.4	7.3	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
3.7	8.4	8.4	8.5	8.5	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
4.3	9.9	10.0	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
4.4	10.3	10.4	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
4.5	10.5	10.6	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
4.7	11.2	11.3	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
4.9	12.0	12.1	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4
5.2	13.2	13.4	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
5.7	16.2	16.5	16.8	16.9	16.9	16.9	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0
7.1	20.4	21.1	21.4	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.7	21.7	21.7	21.7	21.7
9.4	28.6	29.9	30.7	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2
9.7	33.0	34.7	36.0	36.5	36.5	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8
10.5	45.4	48.9	51.7	52.9	53.1	53.4	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
10.7	51.6	56.7	60.9	62.7	63.0	63.6	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1
10.9	57.4	64.4	70.0	72.9	73.4	74.4	74.7	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1
10.9	58.5	66.1	72.1	75.3	76.0	77.0	77.5	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9
10.9	59.9	68.3	75.3	79.1	79.8	81.1	81.7	81.8	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2
10.9	61.1	70.2	77.8	81.9	82.9	84.5	85.2	85.2	85.5	85.6	85.6	85.7	85.8	85.8	85.8	85.8
11.7	61.9	71.5	80.0	84.5	85.8	87.7	88.6	88.7	89.2	89.3	89.3	89.5	89.5	89.5	89.5	89.5
11.0	62.7	72.7	81.8	87.2	88.7	91.2	92.4	92.5	93.2	93.5	93.5	93.7	93.7	93.7	93.7	93.7
11.0	63.0	73.1	82.7	88.6	90.2	93.1	94.5	94.6	95.5	95.9	95.9	96.1	96.1	96.1	96.1	96.1
11.0	63.0	73.2	82.9	88.9	90.6	93.7	95.4	95.5	96.7	97.2	97.2	97.7	97.7	97.7	97.7	97.7
11.0	63.0	73.3	83.0	89.3	91.0	94.3	96.1	96.3	97.8	98.4	98.4	99.0	99.1	99.1	99.1	99.1
11.0	63.0	73.3	83.1	89.3	91.0	94.3	96.2	96.4	98.0	98.7	98.7	99.6	99.7	99.8	99.9	99.9
11.0	63.1	73.3	83.1	89.3	91.0	94.4	96.2	96.4	98.0	98.7	98.7	99.6	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7347

USAF ETAC

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

VISIBILITY - STATUTE MILES																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1-1/2	5.3	5.1	5.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
2-1/2	5.3	5.1	5.3	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
3-1/2	5.3	5.1	5.3	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
4-1/2	5.3	5.1	5.3	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
5-1/2	5.3	5.1	5.3	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
6-1/2	5.3	5.2	5.4	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
7-1/2	5.3	5.2	5.4	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
8-1/2	5.3	5.3	5.7	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
9-1/2	6.8	7.1	7.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
10-1/2	7.0	7.3	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
11-1/2	7.5	7.8	8.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
12-1/2	8.2	8.5	8.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
13-1/2	8.7	9.0	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
14-1/2	10.1	10.4	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
15-1/2	12.0	12.7	13.0	13.3	13.4	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
16-1/2	15.8	16.9	17.2	17.6	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
17-1/2	21.8	23.2	24.3	24.9	25.1	25.1	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
18-1/2	24.4	26.6	27.6	28.4	28.5	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
19-1/2	33.9	37.4	39.7	41.1	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
20-1/2	38.8	43.9	47.7	50.5	51.1	51.1	51.1	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
21-1/2	43.9	51.1	56.5	60.2	61.0	61.7	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
22-1/2	48.0	54.1	60.7	64.9	65.7	66.7	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
23-1/2	48.9	58.7	66.2	71.6	72.4	73.6	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
24-1/2	50.3	60.4	69.4	75.3	76.6	78.0	78.5	78.5	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9
25-1/2	51.9	63.2	73.5	80.7	82.5	84.7	85.3	85.3	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7
26-1/2	53.1	65.4	76.6	85.4	87.4	90.3	91.3	91.3	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0
27-1/2	53.3	65.7	77.9	87.1	89.1	92.2	93.6	93.8	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.8
28-1/2	53.4	66.1	78.4	87.9	89.9	93.1	94.7	94.9	95.9	96.1	96.2	96.7	96.7	96.7	96.7	96.8
29-1/2	53.5	66.2	78.6	88.2	90.2	93.8	95.5	95.8	96.9	97.6	97.7	98.5	98.6	98.7	98.8	98.8
30-1/2	53.5	66.2	78.6	88.2	90.2	93.9	95.9	96.1	97.3	98.1	98.3	99.1	99.2	99.5	99.6	99.6
31-1/2	53.5	66.2	78.6	88.2	90.2	93.9	95.9	96.1	97.3	98.1	98.3	99.2	99.3	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

GENERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4540 ADAK NAS AK

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

.1	4.1	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.6	4.6
.1	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.1	5.1
.1	4.8	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.2	5.2
.1	4.8	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.2	5.3
.3	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.5	5.6
.3	5.0	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.5	5.5	5.5	5.5	5.6	5.7
.3	5.1	5.3	5.3	5.3	5.5	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.7	5.8
.3	5.1	5.3	5.3	5.3	5.5	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.7	5.8
.7	6.3	6.5	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.8	6.8	6.8	6.8	6.9	7.0
.7	6.6	6.8	6.8	6.8	6.9	6.9	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.1	7.2
.7	7.1	7.3	7.3	7.4	7.5	7.5	7.5	7.5	7.5	7.6	7.6	7.6	7.6	7.8	7.9
.8	7.9	8.1	8.1	8.2	8.3	8.3	8.3	8.3	8.3	8.4	8.4	8.4	8.4	8.5	8.6
.9	8.3	8.5	8.6	8.7	8.8	8.8	8.8	8.8	8.8	9.0	9.0	9.0	9.0	9.1	9.2
.9	9.4	9.5	9.7	9.8	9.9	9.9	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.2	10.3
1.1	11.5	11.9	12.1	12.3	12.6	12.6	12.6	12.6	12.6	12.7	12.7	12.7	12.7	12.8	12.9
1.1	15.3	16.7	16.7	16.9	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.4	17.5
1.1	22.8	23.9	24.9	25.3	25.5	25.5	25.5	25.5	25.5	25.7	25.7	25.7	25.7	25.8	25.9
1.1	25.3	26.7	28.2	28.7	28.9	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.1	29.3
1.3	36.1	39.7	42.7	44.1	44.3	44.5	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.9	45.0
1.3	41.4	46.8	51.0	53.4	53.8	54.4	54.7	54.7	54.8	54.9	54.9	54.9	54.9	55.0	55.1
1.3	45.8	54.0	59.5	63.4	64.2	65.3	65.7	65.7	65.8	65.9	65.9	65.9	65.9	66.0	66.2
1.3	46.3	55.5	62.1	66.8	67.8	69.1	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.9	70.0
1.3	47.5	57.3	65.1	71.1	72.3	73.6	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.5	74.6
1.3	48.5	59.2	68.6	76.0	77.3	78.7	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.7	79.8
1.3	50.9	62.4	73.6	82.0	83.7	85.4	86.4	86.4	86.6	86.8	86.8	86.8	86.8	86.9	87.0
1.4	51.7	64.1	76.3	85.8	87.6	90.1	91.6	91.8	92.2	92.5	92.5	92.5	92.5	92.6	92.7
1.4	52.5	65.3	79.0	88.6	90.4	93.0	94.8	95.0	95.6	95.9	95.9	95.9	95.9	96.0	96.1
1.4	52.5	65.3	79.1	89.7	91.5	94.2	96.1	96.5	97.3	97.5	97.5	97.5	97.5	97.6	97.7
1.4	52.5	65.3	79.5	90.3	92.0	95.0	97.1	97.5	98.4	98.7	98.7	98.9	98.9	99.0	99.1
1.4	52.5	65.3	79.5	90.3	92.0	95.0	97.2	97.6	98.7	99.3	99.3	99.7	99.8	99.9	100.0
1.4	52.5	65.3	79.5	90.3	92.0	95.0	97.2	97.6	98.7	99.3	99.3	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-2800

CEILING (FEET)	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
0.1	2.6	2.6	2.7	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
0.3	2.6	2.6	2.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
0.8	3.4	3.4	3.5	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
0.9	3.4	3.4	3.5	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
0.9	3.4	3.4	3.5	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
0.9	3.7	3.7	3.8	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
0.9	3.9	3.9	4.0	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.5
1.0	4.1	4.1	4.3	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7
2.4	6.1	6.1	6.2	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.7	6.7
2.4	6.3	6.3	6.4	6.7	6.7	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0
2.7	7.6	7.6	7.7	8.0	8.0	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.3	8.3
3.7	8.7	8.7	8.9	9.2	9.2	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.5	9.5
3.7	9.4	9.4	9.6	9.8	9.8	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.1
4.0	10.1	10.1	10.4	10.6	10.6	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.9	10.9
4.4	12.4	12.4	12.8	13.1	13.1	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.4	13.4
4.9	15.2	15.6	16.5	16.8	16.8	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.1	17.1
5.7	21.9	22.5	23.6	24.3	24.3	24.4	24.5	24.5	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.8	24.8
6.1	26.2	27.0	28.6	29.4	29.4	29.7	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.1	30.1
7.2	37.3	39.3	43.7	45.4	45.6	46.0	46.5	46.5	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9
7.3	42.1	46.8	52.2	55.0	55.6	56.7	57.5	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9
7.5	46.6	52.6	59.7	63.9	64.8	66.6	67.6	67.6	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
7.8	48.2	55.3	63.4	67.8	68.7	70.8	71.9	71.9	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6
7.6	49.6	57.3	66.3	71.9	72.8	75.0	77.0	77.0	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9
7.6	51.0	59.3	69.8	75.8	76.8	79.2	81.4	81.4	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2
7.6	52.0	61.1	72.4	79.2	80.8	83.9	86.2	86.2	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0
7.6	52.5	61.6	73.8	81.7	83.6	87.1	89.7	89.7	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8
7.6	52.6	62.1	74.5	83.5	85.5	89.6	92.5	92.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
7.6	52.6	62.1	74.6	84.0	85.9	90.7	93.8	93.9	95.5	95.9	95.9	95.9	96.2	96.3	96.3	96.5	96.6
7.6	52.6	62.1	74.7	84.2	86.3	91.3	94.4	94.5	96.5	96.9	96.9	96.9	97.6	97.7	97.7	97.9	98.3
7.6	52.6	62.1	74.8	84.3	86.4	91.4	94.5	94.7	96.8	97.5	97.5	97.5	98.5	98.7	98.7	98.9	99.5
7.6	52.6	62.1	74.9	84.4	86.5	91.5	94.7	94.8	96.9	97.6	97.6	97.6	98.7	99.0	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 917

2

✱

ALG

2903-1100

1

1

USAF F-AC 14.5.01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

714540

ADAK NAS AK

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

1.9	3.8	3.4	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
1.9	4.3	4.3	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
2.2	5.8	5.4	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
2.2	5.8	5.4	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
2.6	6.3	6.5	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
2.6	6.3	6.5	6.8	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
2.6	6.3	6.5	6.8	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
3.4	8.0	8.1	8.4	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
4.0	9.4	9.5	9.8	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
4.2	10.3	10.4	10.7	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
4.5	11.4	11.5	11.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
4.6	11.6	11.7	12.0	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
4.9	12.5	12.6	13.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
5.3	13.6	13.7	14.1	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
6.3	17.2	17.3	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
6.7	20.2	20.4	21.2	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
9.0	30.4	31.2	32.7	33.2	33.2	33.6	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
10.0	38.7	39.8	41.8	42.2	42.2	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
11.9	50.4	53.9	57.7	59.3	59.4	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
11.9	55.8	60.3	65.0	68.3	68.5	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
11.9	59.7	65.3	71.7	75.9	76.5	77.9	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
11.9	60.7	66.6	73.3	77.8	78.4	80.0	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
11.9	61.9	69.1	76.4	81.6	82.5	84.5	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
11.9	63.0	70.4	78.4	84.1	85.0	87.4	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
12.0	64.9	72.8	81.4	87.5	88.8	91.4	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
12.0	65.8	74.1	83.6	90.3	91.7	94.6	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
12.0	66.0	74.4	84.0	90.9	92.6	95.7	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
12.0	66.2	74.6	84.2	91.4	93.0	96.2	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
12.1	66.2	74.6	84.2	91.4	93.0	96.8	98.2	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1
12.1	66.2	74.6	84.2	91.4	93.0	96.8	98.2	98.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3
12.0	66.2	74.6	84.2	91.4	93.0	96.8	98.2	98.4	99.0	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 914

USAF ETAC 714540Z AUG 82 ADK NAS AK 73-82 1200-1400Z

2
CLIMAT. CLIMATOLOGY BRANCH
AFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAM NAS AK

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

2.7	5.3	5.3	5.0	5.1	5.1	5.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
2.9	5.4	5.4	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
3.0	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
3.0	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
3.1	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
3.1	6.5	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
3.3	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
3.5	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
3.3	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
4.6	9.4	9.4	9.4	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
4.3	9.7	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
4.8	9.9	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
5.0	10.4	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
5.1	11.2	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
5.3	12.5	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
6.9	16.1	16.5	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
7.8	21.5	22.1	22.1	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
10.1	31.4	32.6	33.3	33.4	33.6	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
10.4	36.8	38.7	39.7	40.1	40.2	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
11.4	50.7	54.4	57.0	58.2	58.7	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
11.5	55.0	60.2	63.8	65.8	66.7	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
11.6	58.3	64.9	70.8	73.1	74.3	76.3	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
11.6	59.5	66.7	73.2	75.7	77.1	79.3	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
11.6	60.8	68.6	75.8	78.6	80.1	82.8	84.5	84.5	84.8	84.8	84.8	84.8	84.8	85.1	85.1
11.6	62.2	70.7	78.2	81.5	83.2	85.9	87.7	87.7	88.3	88.3	88.3	88.3	88.3	88.6	88.6
11.6	62.9	71.9	79.9	83.4	85.5	88.5	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.4	91.4
11.6	63.4	73.4	82.6	86.4	88.7	92.2	94.4	94.4	95.2	95.2	95.2	95.2	95.2	95.5	95.5
11.6	63.5	73.7	83.4	87.9	90.2	93.7	96.0	96.0	97.1	97.1	97.1	97.1	97.2	97.5	97.5
11.6	63.5	74.0	83.7	88.5	90.8	94.4	96.7	96.7	98.0	98.2	98.2	98.3	98.3	98.6	98.6
11.6	63.6	74.2	84.0	89.0	91.3	95.0	97.6	97.6	99.1	99.3	99.3	99.6	99.6	99.9	99.9
11.6	63.6	74.2	84.0	89.0	91.3	95.0	97.6	97.6	99.1	99.3	99.3	99.7	99.7	100.0	100.0
11.6	63.6	74.2	84.0	89.0	91.3	95.0	97.6	97.6	99.1	99.3	99.3	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

USAF ETAC 10-445 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74540

ADAK NAS AK

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

2.3	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
2.5	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
2.5	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
2.5	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
2.5	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
2.5	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
2.5	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
2.5	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
3.2	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
3.3	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
3.3	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
3.7	10.0	10.0	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
3.9	10.6	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
4.4	11.6	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
5.0	13.7	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
5.5	17.9	18.8	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
7.9	27.5	29.7	30.0	30.3	30.6	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
7.9	31.1	33.8	34.2	34.6	34.8	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
8.4	42.0	47.3	48.9	49.9	50.5	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
9.0	48.5	54.5	57.2	58.4	59.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
9.4	51.9	59.9	63.7	66.2	67.6	70.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
9.5	52.7	61.9	65.8	68.5	70.2	73.2	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
9.5	53.6	64.1	69.7	73.4	75.5	78.5	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5
9.5	54.2	65.3	71.3	75.8	78.1	81.3	83.2	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
9.5	55.7	67.0	73.3	78.4	80.7	84.2	86.2	86.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
9.5	56.8	68.9	76.9	82.6	85.4	89.7	92.3	92.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.1
9.6	56.8	69.4	78.3	84.6	87.5	92.0	94.8	94.9	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.1
9.6	56.8	69.4	78.4	85.0	87.9	92.8	95.7	95.8	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.4
9.6	56.9	69.5	78.5	85.1	88.0	93.0	96.1	96.2	98.5	99.0	99.1	99.1	99.1	99.1	99.2	99.4
9.6	56.9	69.5	78.5	85.1	88.0	93.1	96.2	96.3	98.7	99.4	99.5	99.6	99.6	99.6	99.8	100.0
9.6	56.9	69.5	78.5	85.1	88.0	93.1	96.2	96.3	98.7	99.4	99.5	99.6	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 926

USAF ETAC 74540 G-1-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

1

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

VISIBILITY STATISTICS																
	1.3	4.4	4.4	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7
1.3	1.4	4.8	4.9	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.2	5.2
1.4	1.5	5.4	5.5	5.6	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8
1.5	1.5	5.4	5.5	5.6	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8
1.6	1.6	5.7	5.7	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1.7	1.6	5.9	6.1	6.1	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
1.8	1.7	6.0	6.1	6.2	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
1.9	2.0	6.5	6.7	6.8	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2.0	2.5	7.9	8.1	8.2	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.5
2.1	2.6	9.4	8.6	8.7	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.0	9.0
2.2	2.7	9.1	9.3	9.5	9.6	9.6	9.6	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7
2.3	3.0	9.7	9.9	10.0	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.3	10.3
2.4	3.1	10.4	10.5	10.7	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.0	11.0	11.0
2.5	3.3	11.4	11.6	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1
2.6	3.9	13.8	14.1	14.4	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.8
2.7	4.4	17.6	18.2	18.7	18.9	19.0	19.0	19.0	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1
2.8	5.5	25.6	26.9	27.7	28.2	28.3	28.5	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6
2.9	5.8	29.9	31.6	32.8	33.3	33.4	33.6	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8
3.0	6.5	41.2	44.9	47.8	49.3	49.7	50.3	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7
3.1	6.6	46.4	51.7	55.9	58.4	59.1	60.1	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6
3.2	6.7	50.7	57.8	63.7	67.3	68.3	69.9	70.5	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7
3.3	6.8	52.0	60.0	66.6	70.5	71.7	73.5	74.2	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5
3.4	6.8	53.6	62.6	70.2	75.0	76.3	78.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.7	79.7
3.5	6.8	54.7	64.3	72.7	78.2	79.7	81.9	83.1	83.1	83.4	83.5	83.5	83.5	83.5	83.6	83.6
3.6	6.8	56.1	66.3	75.7	81.9	83.7	86.4	87.7	87.8	88.2	88.2	88.2	88.2	88.2	88.3	88.4
3.7	6.9	56.9	67.7	78.3	85.4	87.5	90.7	92.5	92.6	93.2	93.4	93.4	93.4	93.4	93.5	93.5
3.8	6.9	57.2	68.2	79.4	87.0	89.1	92.7	94.6	94.7	95.6	95.8	95.8	95.8	95.9	95.9	96.1
3.9	6.8	57.2	68.3	79.8	87.5	89.7	93.5	95.6	95.8	96.9	97.2	97.2	97.4	97.4	97.6	97.7
4.0	6.8	57.3	68.3	79.8	87.8	90.0	94.1	96.4	96.6	97.9	98.4	98.4	98.9	98.9	99.1	99.2
4.1	6.4	57.3	68.3	79.8	87.8	90.0	94.1	96.5	96.7	98.1	98.7	98.8	99.3	99.4	99.6	99.8
4.2	6.4	57.3	68.3	79.8	87.8	90.0	94.2	96.5	96.7	98.1	98.8	98.8	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7347

USAF ETAC 14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-87

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

.7	12.4	12.4	12.6	12.6	12.6	12.6	12.6	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
.7	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
1.0	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
1.0	14.8	14.9	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
1.7	14.9	14.9	14.9	14.9	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
1.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
1.0	15.9	15.9	15.9	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
1.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
1.0	15.6	15.6	15.6	15.6	15.6	15.6	15.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
1.7	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
1.7	18.3	18.3	18.3	18.3	18.3	18.3	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
1.0	19.4	19.4	19.4	19.4	19.4	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
1.0	20.5	20.5	20.5	20.5	20.5	20.5	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
1.0	22.6	22.6	22.6	22.6	22.6	22.6	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
1.7	26.3	26.4	26.6	26.6	26.6	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
1.0	34.2	34.6	34.8	34.8	34.8	34.8	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
1.0	46.1	46.5	47.0	47.0	47.0	47.3	47.4	47.8	47.5	47.5	47.5	47.5	47.5	47.5	47.5
1.0	58.6	60.7	61.7	61.8	61.8	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
1.0	61.5	64.2	65.3	65.4	65.4	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
1.0	69.9	74.0	75.8	76.3	76.3	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
1.7	71.9	77.3	80.9	82.0	82.0	83.1	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
1.0	73.7	79.9	84.6	85.7	85.7	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
1.0	74.4	80.9	86.1	87.2	87.3	88.4	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
1.0	75.3	82.4	87.9	89.2	89.3	91.2	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1.0	75.9	83.1	89.0	90.6	90.7	92.8	92.9	92.9	93.2	93.2	93.2	93.3	93.3	93.3	93.3
1.0	76.7	84.1	90.6	92.5	92.7	95.2	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7
1.0	76.8	84.2	90.8	93.5	93.8	96.7	97.3	97.3	98.1	98.1	98.1	98.2	98.2	98.2	98.2
1.0	76.8	84.3	91.0	93.9	94.3	97.4	98.1	98.1	98.9	98.9	98.9	99.0	99.0	99.0	99.0
1.0	76.8	84.3	91.0	93.9	94.3	97.4	98.1	98.1	99.0	99.0	99.0	99.2	99.2	99.2	99.2
1.0	76.8	84.3	91.0	93.9	94.3	97.6	98.3	98.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7
1.7	76.8	84.3	91.0	93.9	94.3	97.6	98.3	98.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0
1.0	76.8	84.3	91.0	93.9	94.3	97.6	98.3	98.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 891

USAF ETAC 0-14-5 OF A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAN NAS AK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

VISIBILITY - STATUTE MILES																
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
1.0	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
1.5	15.4	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
2.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
2.5	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
3.0	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
3.5	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
4.0	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
4.5	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
5.0	18.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
5.5	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
6.0	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
6.5	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
7.0	22.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
7.5	25.7	25.4	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
8.0	34.6	35.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
8.5	45.1	46.2	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
9.0	55.7	57.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
9.5	61.3	63.3	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
10.0	69.9	73.0	76.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
10.5	73.9	77.9	82.5	83.7	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
11.0	76.5	80.8	85.9	87.5	87.6	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
11.5	77.1	81.6	86.9	88.5	88.8	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
12.0	77.3	82.7	88.4	90.1	90.4	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
12.5	77.8	83.8	89.8	92.1	92.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
13.0	78.0	84.2	91.3	94.1	94.3	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
13.5	78.1	84.3	91.6	95.1	95.5	96.9	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
14.0	78.1	84.4	91.8	95.7	96.0	98.0	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
14.5	78.1	84.4	91.8	95.7	96.1	98.2	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
15.0	78.1	84.4	91.8	95.7	96.3	98.4	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15.5	78.1	84.4	91.8	95.7	96.3	98.4	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16.0	78.1	84.4	91.8	95.7	96.3	98.4	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

881

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74540 AOA NAS AK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING	2.5	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4
2.5	2.5	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4
3.3	2.7	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3
4.0	3.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.2
4.7	3.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.2
5.4	3.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.2
6.1	3.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.5
6.8	3.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.5
7.5	3.8	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.5
8.2	4.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.6
8.9	5.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.3
9.6	5.2	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.9
10.3	5.8	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.3
11.0	6.1	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.2
11.7	7.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.7
12.4	8.4	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.5
13.1	9.9	32.3	32.3	32.3	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.1
13.8	17.3	45.1	45.1	45.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5
14.5	14.0	60.6	62.5	64.0	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
15.2	14.5	64.7	67.2	68.9	69.9	70.0	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
15.9	14.9	70.6	75.1	78.9	80.5	80.7	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
16.6	14.7	72.8	78.5	83.1	85.3	85.7	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
17.3	15.0	74.8	81.1	85.8	88.4	89.0	90.2	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.9
18.0	15.0	75.6	82.7	86.8	89.7	90.2	91.7	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.6
18.7	15.0	76.3	83.0	88.4	91.4	92.2	94.3	95.1	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.6
19.4	15.0	76.8	83.8	89.4	92.4	93.2	95.5	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.7
20.1	15.0	76.8	83.9	89.8	93.0	93.9	96.3	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.5
20.8	15.0	77.0	84.4	90.6	94.0	94.9	97.5	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	99.0
21.5	15.0	77.2	84.5	90.7	94.2	95.1	97.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3
22.2	15.0	77.2	84.5	90.7	94.2	95.1	97.8	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.4
22.9	15.0	77.2	84.5	90.7	94.3	95.2	98.0	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.9
23.6	15.0	77.2	84.5	90.7	94.3	95.2	98.0	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.9	99.9
24.3	15.0	77.2	84.5	90.7	94.3	95.2	98.0	99.1	99.1	99.3	99.5	99.5	99.5	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

680

USAF ETAC 0-14-5 01-41 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

2.4	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
2.7	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
3.7	10.1	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
3.7	10.1	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
3.7	10.1	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
4.1	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
4.2	10.9	11.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
4.4	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
5.6	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
6.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
5.4	16.7	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
7.8	18.9	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
8.2	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
9.4	23.4	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
10.9	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
14.0	36.3	36.5	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
16.3	47.7	48.7	49.3	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
17.7	60.3	62.5	63.7	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
18.3	64.7	67.4	69.4	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
19.6	72.3	77.4	80.9	82.0	82.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
19.6	74.2	87.3	84.2	85.7	86.5	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
18.7	75.9	82.2	86.9	88.7	89.7	90.6	91.0	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4
18.7	75.9	82.3	87.4	89.4	90.6	91.5	91.9	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3
18.7	76.4	83.1	88.4	90.8	92.1	93.2	93.6	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0
18.7	76.8	83.9	89.6	92.4	93.8	95.0	95.6	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4
18.7	77.1	84.3	90.2	93.0	94.7	96.2	96.7	96.8	97.4	97.6	97.6	97.6	97.6	97.6	97.6
18.7	77.1	84.4	90.4	93.6	95.3	97.0	97.5	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5
18.7	77.1	84.4	90.4	93.8	95.5	97.6	98.6	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7
18.7	77.1	84.4	90.4	93.8	95.5	97.6	98.8	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9
18.7	77.1	84.4	90.4	93.8	95.5	97.6	98.8	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9
18.7	77.1	84.4	90.4	93.8	95.5	97.6	98.8	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 887

USAF ETAC 100-400-20-A PREPARED BY THE 100-400-20-A UNIT

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74540 A0AK NAO AK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

4.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
5.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
5.6	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
5.7	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
5.7	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
6.2	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
6.2	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
6.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
7.3	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
8.1	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
8.1	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
9.4	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
10.3	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
10.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
11.7	27.8	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
15.6	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
18.8	51.3	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
19.7	63.0	64.3	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
19.8	66.4	69.1	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
19.9	72.7	76.2	79.1	80.3	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
19.9	75.5	79.9	83.9	85.8	86.6	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
19.9	76.9	81.9	86.6	89.3	90.2	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
19.9	77.9	83.1	88.1	91.3	92.4	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
20.0	78.2	83.5	89.2	92.4	93.4	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
20.0	78.4	83.8	90.0	93.4	94.4	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
20.0	78.9	84.3	90.6	94.0	95.1	96.1	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
20.0	79.0	84.4	90.7	94.5	95.5	97.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
20.0	79.0	84.7	91.2	95.1	96.2	97.6	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
20.0	79.0	84.7	91.2	95.2	96.3	97.8	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20.0	79.0	84.7	91.2	95.2	96.3	97.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20.0	79.0	84.7	91.2	95.2	96.3	97.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20.0	79.0	84.7	91.2	95.2	96.3	97.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

USAF ETAC 73-1445 OF A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

2
CLIMAT. CLIMATOLOGY BRANCH
ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1900-2000

2.1	9.1	9.1	9.1	9.1	9.1	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
3.1	10.0	10.7	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
3.9	11.7	11.7	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
4.1	11.9	11.9	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
4.1	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
4.5	12.4	12.4	12.4	12.4	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
4.5	12.7	12.7	12.7	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
4.5	12.9	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
5.3	14.6	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
5.7	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
5.3	16.8	16.8	16.8	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
5.4	18.3	18.3	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
7.1	19.8	19.8	19.8	19.8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
7.7	21.2	21.2	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
8.5	23.9	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
10.1	32.5	32.5	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
11.5	45.2	45.4	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
12.3	60.3	61.5	62.6	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
12.4	64.2	66.6	68.2	68.6	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
13.1	71.0	75.3	78.7	79.6	80.0	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
13.7	74.1	79.7	84.0	85.3	85.9	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
13.1	75.3	81.1	86.7	88.6	89.1	90.0	90.1	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
13.1	75.9	81.7	87.4	89.7	90.2	91.5	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
13.1	76.3	82.8	88.6	91.3	92.0	93.3	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
13.1	76.7	83.2	88.9	91.8	92.8	94.1	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
13.1	77.2	83.7	89.7	93.0	94.1	95.3	95.6	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
13.1	77.2	83.9	90.1	93.6	94.6	96.6	96.9	97.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
13.1	77.5	84.3	90.7	94.2	95.3	97.2	97.6	97.6	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
13.1	77.5	84.3	90.7	94.3	95.4	97.3	97.8	97.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
13.1	77.5	84.3	90.7	94.3	95.4	97.3	97.8	97.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
13.1	77.5	84.3	90.7	94.3	95.4	97.3	97.8	97.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

USAF ETAC 10-14-53

CL BAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8
11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8
11.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2
11.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2
12.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2
12.1	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7
12.2	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0
12.3	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0
12.4	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0
12.5	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1
12.6	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2
12.7	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6
12.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9
12.9	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6
13.0	20.9	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2
13.1	24.7	24.9	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2
13.2	34.5	35.1	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5
13.3	43.2	48.8	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
13.4	60.1	61.4	62.2	62.7	62.7	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
13.5	63.7	65.6	66.5	67.2	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
13.6	71.1	74.7	77.7	78.9	79.0	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
13.7	73.9	78.1	82.7	84.1	84.2	84.6	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
13.8	76.0	80.6	86.8	88.7	88.8	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
13.9	76.3	81.3	87.7	89.8	90.0	90.8	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
14.0	76.5	81.5	88.0	90.4	90.6	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
14.1	77.1	82.3	88.8	91.7	91.9	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
14.2	77.5	82.6	89.5	92.5	92.8	94.7	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
14.3	77.6	82.8	90.1	93.7	94.2	96.5	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
14.4	78.0	83.4	91.0	94.8	95.3	98.0	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
14.5	78.0	83.4	91.0	94.8	95.4	98.0	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
14.6	78.0	83.4	91.0	94.8	95.4	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14.7	78.0	83.4	91.0	94.8	95.4	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14.8	78.0	83.4	91.0	94.8	95.4	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

2
GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-62

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

2.1	9.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
2.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
2.8	11.9	12.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
2.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
2.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2
3.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
3.0	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9
3.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
3.5	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5
4.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
4.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2
4.7	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
5.0	19.8	19.8	19.8	19.8	19.8	19.8	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
5.5	21.9	22.1	22.0	22.0	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
6.1	25.5	25.8	25.7	25.7	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
7.6	34.4	34.7	35.0	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
8.9	46.5	47.3	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0
9.6	59.3	61.1	62.2	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
9.8	63.4	65.7	67.3	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
10.0	70.7	74.8	77.9	79.1	79.4	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
10.0	73.4	78.4	82.7	84.4	84.8	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
10.0	75.3	80.4	85.9	88.0	88.5	89.5	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0
10.0	75.9	81.8	87.0	89.3	89.9	91.0	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5
10.1	76.3	82.4	88.1	90.7	91.4	92.8	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.4
10.1	76.7	83.1	89.1	92.0	92.7	94.2	94.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9
10.1	77.1	83.5	89.9	93.0	93.8	95.5	96.0	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4
10.1	77.2	83.8	90.3	93.9	94.8	96.9	97.5	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.3
10.1	77.3	84.0	90.7	94.3	95.3	97.5	98.2	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1
10.1	77.3	84.0	90.7	94.4	95.4	97.7	98.5	98.6	99.3	99.4	99.5	99.5	99.5	99.5	99.5
10.1	77.3	84.0	90.7	94.4	95.4	97.8	98.6	98.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9
10.1	77.3	84.0	90.7	94.4	95.4	97.8	98.6	98.8	99.6	99.8	99.8	99.9	99.9	99.9	100.0
10.1	77.3	84.0	90.7	94.4	95.4	97.8	98.6	98.8	99.6	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

7104

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
A - WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74540 ADAM NAS AK

73-82

DCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

.3	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
.3	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
.3	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
.3	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
.3	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
.3	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
.3	23.5	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
.3	26.3	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
.3	29.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
.4	34.0	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
.5	47.7	48.5	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
.5	59.5	60.7	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
.5	68.5	71.2	73.6	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
.5	70.1	73.4	76.3	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
.5	74.4	79.3	83.7	85.1	85.2	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
.6	76.5	81.8	87.4	89.7	89.9	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
.6	77.7	83.4	89.5	92.9	93.2	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
.6	78.1	83.9	90.3	93.7	94.2	94.8	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
.6	78.7	84.4	90.8	94.4	94.8	95.5	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
.6	79.0	85.1	91.6	95.1	95.7	96.3	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
.6	79.1	85.3	92.1	95.9	96.4	97.1	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
.6	79.1	85.3	92.1	96.2	96.8	97.7	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
.6	79.1	85.3	92.1	96.3	96.9	97.8	98.5	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
.6	79.2	85.4	92.3	96.5	97.1	98.1	98.8	99.0	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
.6	79.2	85.4	92.3	96.5	97.1	98.1	98.8	99.0	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
.6	79.2	85.4	92.3	96.5	97.1	98.1	98.8	99.0	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0600

VISIBILITY IN MILES																
CEILING	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0-50	1.3	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.3
50-100	1.6	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.1
100-200	1.8	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.5
200-300	1.9	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.5
300-400	2.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.6
400-500	2.0	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.7
500-600	2.1	12.9	12.9	12.9	12.9	12.9	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.2
600-700	2.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.5
700-800	2.7	14.3	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.5
800-900	3.2	16.0	16.0	16.0	16.0	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2
900-1000	3.3	17.3	17.3	17.3	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.5
1000-1200	4.1	18.5	18.5	18.5	18.6	18.6	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.8
1200-1400	4.6	20.8	20.7	20.7	20.8	20.8	20.8	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	21.0
1400-1600	5.3	25.1	25.2	25.2	25.4	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.6
1600-1800	6.4	32.1	32.3	32.3	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.6
1800-2000	7.7	44.5	44.7	44.8	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.2
2000-2200	8.6	56.7	57.3	57.8	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
2200-2400	9.4	68.7	70.7	72.4	72.9	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
2400-2600	9.6	71.2	73.6	75.5	76.2	76.3	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
2600-2800	9.6	75.1	78.7	83.1	85.2	85.6	86.2	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9
2800-3000	9.6	76.8	81.3	86.6	89.0	89.4	90.0	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.9
3000-3200	9.6	77.5	82.6	89.7	92.5	93.1	93.8	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.8
3200-3400	9.6	77.8	82.9	90.3	93.1	93.8	94.8	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.8
3400-3600	9.6	78.1	83.4	91.0	94.1	94.8	96.0	96.5	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.1
3600-3800	9.6	78.2	83.6	91.2	94.5	95.1	96.4	97.1	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.7
3800-4000	9.6	78.2	83.7	91.6	95.0	95.6	97.1	97.7	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.5
4000-4200	9.6	78.3	83.8	91.8	95.4	96.1	97.9	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.5
4200-4400	9.6	78.3	83.8	91.8	95.4	96.1	98.3	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0
4400-4600	9.6	78.3	83.8	91.8	95.4	96.1	98.3	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0
4600-4800	9.6	78.3	83.8	91.8	95.4	96.1	98.3	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0
4800-5000	9.6	78.3	83.8	91.8	95.4	96.1	98.3	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 919

2
6
1
FEDERAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-87

DOY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

4.3	8.9	8.9	8.9	8.9	8.9	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
4.9	9.9	9.9	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
5.8	11.3	11.3	11.3	11.3	11.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
5.8	11.5	11.5	11.5	11.5	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
5.1	11.8	11.8	11.8	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
6.1	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
6.7	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
6.3	13.2	13.2	13.2	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
7.4	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
8.2	16.7	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
9.1	18.4	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
10.5	20.6	20.7	20.7	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
11.1	23.3	23.4	23.4	23.4	23.4	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
13.6	28.6	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
16.2	36.4	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
17.9	47.0	47.5	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
20.1	58.9	59.9	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
20.7	68.6	70.9	72.4	73.1	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
21.0	71.3	73.8	76.1	77.1	77.1	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
21.2	76.7	80.1	84.5	86.4	86.7	87.0	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7
21.3	78.3	82.4	87.2	90.4	91.1	91.8	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6
21.3	78.3	83.3	89.0	92.7	93.7	94.5	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4
21.3	78.3	83.3	89.2	93.0	94.1	95.1	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0
21.3	78.3	83.6	89.9	93.8	95.1	96.2	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2
21.3	78.3	83.6	89.9	93.9	95.2	96.5	97.3	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7
21.3	78.3	83.8	90.4	94.4	95.9	97.2	98.0	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5
21.3	78.3	83.8	90.8	94.7	96.1	97.5	98.5	98.5	98.8	99.2	99.2	99.5	99.5	99.5	99.5
21.3	78.3	83.8	90.7	94.9	96.3	97.7	98.7	98.7	99.1	99.6	99.6	99.8	99.8	99.8	99.8
21.3	78.3	83.8	90.7	95.0	96.4	97.8	98.8	98.8	99.2	99.7	99.7	99.9	99.9	99.9	99.9
21.3	78.3	83.8	90.7	95.0	96.4	97.8	98.8	98.8	99.2	99.7	99.7	100.0	100.0	100.0	100.0
21.3	78.3	83.8	90.7	95.0	96.4	97.8	98.8	98.8	99.2	99.7	99.7	100.0	100.0	100.0	100.0
21.3	78.3	83.8	90.7	95.0	96.4	97.8	98.8	98.8	99.2	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAM NAS AK

73-82

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1000	4.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
900	4.1	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0
800	5.0	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7
700	5.0	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7
600	5.2	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9
500	5.2	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.1	9.1	9.1	9.1	9.1	9.1
400	5.2	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8
300	5.3	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9
200	5.3	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5
100	6.8	12.4	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6
50	7.1	13.3	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5
0	8.5	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1
1000	9.4	18.2	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4
900	11.2	23.4	23.4	23.4	23.6	23.6	23.6	23.6	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7
800	14.4	33.0	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4
700	17.2	45.4	45.7	45.8	46.0	46.0	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
600	18.6	57.5	59.1	59.7	60.2	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
500	20.0	70.1	73.3	75.4	76.3	76.7	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
400	20.3	73.3	77.1	79.9	81.5	81.8	82.2	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
300	20.6	77.3	82.2	85.6	88.0	88.7	89.3	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
200	20.7	78.0	83.3	87.0	89.9	90.9	91.7	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4
100	20.7	78.7	84.3	88.9	92.0	93.3	94.5	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
50	20.7	79.1	84.7	89.5	92.8	94.1	95.3	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1
0	20.7	79.1	84.7	89.5	93.3	94.8	96.4	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1000	20.7	79.1	84.7	89.8	94.0	95.4	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
900	20.7	79.1	84.7	89.9	94.3	95.9	97.6	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
800	20.7	79.1	84.8	90.2	94.7	96.2	97.9	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2
700	20.7	79.1	84.8	90.2	94.7	96.2	98.1	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	20.7	79.1	84.8	90.2	94.7	96.2	98.1	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	20.7	79.1	84.8	90.2	94.7	96.2	98.1	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	20.7	79.1	84.8	90.2	94.7	96.2	98.1	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300	20.7	79.1	84.8	90.2	94.7	96.2	98.1	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200	20.7	79.1	84.8	90.2	94.7	96.2	98.1	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
100	20.7	79.1	84.8	90.2	94.7	96.2	98.1	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	20.7	79.1	84.8	90.2	94.7	96.2	98.1	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

917

USAF ETAC 14-14-5 DL A PREVIOUS EDITIONS ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-80

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1950-2000

	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0
1.0	1.3	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
1.5	1.7	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
2.0	1.9	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
2.5	1.9	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
3.0	1.9	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
3.5	2.0	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
4.0	2.1	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
4.5	2.1	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
5.0	2.1	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
5.5	2.5	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
6.0	2.8	19.3	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
6.5	3.2	20.6	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
7.0	3.4	22.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
7.5	3.7	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
8.0	4.0	34.2	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
8.5	5.5	43.1	43.5	43.6	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
9.0	5.7	55.4	56.4	56.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5
9.5	5.9	67.3	69.5	71.6	72.4	72.7	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
10.0	6.1	69.2	72.5	75.2	76.2	76.8	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3
10.5	6.3	74.3	79.5	83.9	85.9	87.0	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6
11.0	6.3	76.9	82.8	87.7	90.4	91.6	91.8	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
11.5	6.3	77.6	83.6	88.9	92.1	93.6	93.9	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.7
12.0	6.3	77.9	83.9	89.3	92.9	94.3	94.9	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9
12.5	6.3	78.1	84.2	90.0	94.0	95.4	96.2	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
13.0	6.3	78.4	84.5	90.3	94.5	96.0	96.8	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
13.5	6.3	78.4	84.6	90.5	94.9	96.3	97.4	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
14.0	6.3	78.4	84.7	90.6	95.1	96.5	97.7	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1
14.5	6.3	78.4	84.7	90.6	95.1	96.6	97.8	98.6	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
15.0	6.3	78.4	84.7	90.6	95.2	96.7	97.9	98.8	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.5
15.5	6.3	78.4	84.7	90.6	95.2	96.7	98.1	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
16.0	6.3	78.4	84.7	90.6	95.2	96.7	98.1	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0
16.5	6.3	78.4	84.7	90.6	95.2	96.7	98.1	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 917

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
	17.2	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
	17.2	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
	17.2	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
	20.5	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
	22.1	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
	24.2	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
	28.5	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
.3	35.4	35.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
.7	47.8	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
.7	59.7	61.7	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
.7	70.3	72.0	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
.7	71.7	74.5	76.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
.3	77.0	81.2	84.1	86.2	86.6	86.9	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4
.8	78.5	84.3	88.6	91.4	92.2	92.7	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3
.8	79.3	85.5	90.8	94.7	95.0	95.6	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1
.8	79.4	85.8	91.1	95.1	95.4	96.0	96.2	96.2	96.5	96.5	96.5	96.6	96.6	96.6
.8	79.6	86.3	92.0	96.1	96.4	97.1	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.8
.8	80.0	87.0	92.7	97.0	97.3	98.0	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8
.9	80.2	87.2	93.0	97.2	97.5	98.3	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0
.8	80.3	87.3	93.1	97.5	97.8	98.8	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.8
.8	80.3	87.3	93.1	97.5	97.8	98.8	99.2	99.3	99.7	99.8	99.8	99.9	99.9	99.9
.8	80.3	87.3	93.1	97.5	97.8	98.8	99.2	99.3	99.7	99.8	99.8	99.9	99.9	99.9
.8	80.3	87.3	93.1	97.5	97.8	98.8	99.2	99.3	99.5	99.8	99.9	99.9	100.0	100.0
.8	80.3	87.3	93.1	97.5	97.8	98.8	99.2	99.3	99.5	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

VISIBILITY IN STATUTE MILES																
CEILING	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1000	1.9	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
900	2.1	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
800	2.5	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
700	2.5	14.0	14.0	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
600	2.6	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
500	2.6	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.5
400	2.7	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
300	2.8	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
200	3.0	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.7
100	3.4	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7
50	3.7	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.7
40	4.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5
30	4.7	22.5	22.6	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
20	5.5	26.4	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7
10	7.1	34.0	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4
5	8.3	45.5	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4
2	9.2	58.1	59.2	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
1	9.7	69.1	71.4	73.4	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
0	9.9	71.3	74.3	76.8	77.7	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
0	10.1	76.0	80.4	84.3	86.1	86.6	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5
0	10.1	77.6	82.8	87.6	90.2	90.8	91.3	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0	10.1	78.5	84.0	89.7	92.8	93.6	94.2	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9
0	10.1	78.7	84.3	90.2	93.4	94.2	95.0	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
0	10.1	78.9	84.7	90.8	94.2	95.1	96.1	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	97.0
0	10.1	79.1	85.0	91.2	94.8	95.7	96.8	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8
0	10.1	79.2	85.2	91.6	95.3	96.3	97.4	98.0	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.6
0	10.1	79.2	85.2	91.7	95.6	96.5	97.9	98.6	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.3
0	10.1	79.2	85.2	91.7	95.7	96.6	98.1	98.8	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.6
0	10.1	79.2	85.2	91.7	95.7	96.7	98.1	98.9	99.0	99.5	99.6	99.6	99.7	99.7	99.7	99.7
0	10.1	79.2	85.2	91.7	95.7	96.7	98.2	99.0	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9
0	10.1	79.2	85.2	91.7	95.7	96.7	98.2	99.0	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7345

USAF ETAC 0-14-5 (L A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-2400

.1	13.3	15.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
.1	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
.1	17.2	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
.1	17.2	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
.1	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
.1	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
.1	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
.1	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
.1	17.8	17.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
.1	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
.2	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
.2	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
.2	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
.2	26.0	26.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
.2	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
.2	43.7	43.9	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
.2	57.2	58.7	58.8	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
.3	68.5	70.7	72.2	73.7	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
.3	70.3	73.1	75.0	76.8	76.9	77.0	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
.3	75.3	79.5	82.9	85.3	85.7	86.5	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
.3	77.4	82.1	87.2	90.5	90.8	91.8	92.4	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
.3	78.1	83.4	88.6	91.9	92.4	93.7	94.6	94.6	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
.3	78.2	83.7	88.8	92.4	92.8	94.4	95.3	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
.3	78.4	84.0	89.2	93.1	93.7	95.3	96.4	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
.3	78.5	84.1	89.4	93.5	94.2	95.7	96.9	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
.3	78.5	84.1	89.4	93.7	94.4	96.1	97.2	97.2	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
.3	78.5	84.2	89.5	94.1	94.7	96.9	98.0	98.0	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
.3	78.5	84.2	89.5	94.1	94.7	97.0	98.1	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
.3	78.5	84.2	89.5	94.1	94.7	97.0	98.1	98.1	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
.3	78.5	84.2	89.5	94.2	94.8	97.2	98.3	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
.3	78.5	84.2	89.5	94.2	94.8	97.2	98.4	98.4	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
.3	78.5	84.2	89.5	94.2	94.8	97.2	98.4	98.4	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

2
GENERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
44.0	44.0	44.0	44.0	44.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
56.7	56.7	58.0	59.3	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
66.9	66.9	69.3	72.0	72.7	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
68.4	68.4	71.3	74.5	75.3	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
75.0	75.0	79.3	83.7	85.2	85.6	86.5	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0
77.6	77.6	83.1	88.1	90.0	90.6	91.4	92.2	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7
78.1	78.1	84.1	89.7	91.6	92.6	94.0	94.4	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9
78.3	78.3	84.8	90.1	92.1	93.1	94.7	95.3	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8
78.4	78.4	84.8	90.3	92.4	93.4	94.9	95.6	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3
78.4	78.4	84.8	90.4	92.6	93.7	95.8	96.6	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4
78.5	78.5	84.9	90.8	93.1	94.3	96.9	97.8	97.8	98.5	98.8	98.8	98.8	98.8	98.9	98.9
78.5	78.5	84.9	90.8	93.3	94.4	97.0	97.9	97.9	98.7	98.9	98.9	98.9	98.9	99.0	99.0
78.5	78.5	84.9	90.8	93.4	94.5	97.2	98.2	98.2	99.2	99.4	99.4	99.4	99.4	99.7	99.7
78.5	78.5	84.9	90.8	93.4	94.5	97.4	98.4	98.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9
78.5	78.5	84.9	90.8	93.4	94.5	97.4	98.4	98.4	99.4	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 889

2
FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0600

		VISIBILITY (STAT. MILES)															
CEILING (FEET)	MILES	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	1	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
2	2	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
3	3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
4	4	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
5	5	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
6	6	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
7	7	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
8	8	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
9	9	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
10	10	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
11	11	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
12	12	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
13	13	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
14	14	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
15	15	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
16	16	41.3	41.3	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
17	17	53.4	54.5	55.7	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
18	18	64.7	67.7	70.1	71.0	71.4	71.9	71.9	71.9	72.3	72.0	72.0	72.0	72.0	72.0	72.1	72.1
19	19	66.9	70.5	73.4	74.3	74.9	75.8	75.8	75.8	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
20	20	73.8	78.9	82.6	84.5	85.3	86.7	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.3
21	21	76.8	82.6	87.2	89.8	90.7	92.3	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.2
22	22	77.1	83.6	88.9	91.5	92.8	95.0	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.9	96.0
23	23	77.5	84.0	89.2	91.9	93.3	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.5
24	24	77.5	84.0	89.2	92.0	93.4	95.5	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.7
25	25	77.6	84.1	89.3	92.2	93.5	95.6	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.9	97.0
26	26	77.6	84.1	89.3	92.4	93.7	96.0	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.6
27	27	77.6	84.2	89.8	92.8	94.2	96.4	97.2	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.3
28	28	77.6	84.2	89.9	92.9	94.3	96.5	97.3	97.5	98.3	98.5	98.5	98.5	98.5	98.5	98.7	98.9
29	29	77.6	84.2	89.9	92.9	94.3	96.5	97.4	97.6	98.4	98.7	98.7	98.7	98.7	98.7	98.9	99.1
30	30	77.6	84.2	89.9	92.9	94.3	96.5	97.4	97.6	98.7	99.1	99.1	99.1	99.1	99.1	99.3	99.7
31	31	77.6	84.2	89.9	92.9	94.3	96.5	97.4	97.6	98.7	99.1	99.1	99.1	99.1	99.1	99.4	99.6
32	32	77.6	84.2	89.9	92.9	94.3	96.5	97.4	97.6	98.7	99.1	99.1	99.1	99.1	99.1	99.6	99.8
33	33	77.6	84.2	89.9	92.9	94.3	96.5	97.4	97.6	98.7	99.1	99.1	99.1	99.1	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 892

2
GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

VISIBILITY (MILES)																
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
3.4	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
3.8	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
4.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
4.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
4.5	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
4.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
4.9	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
5.1	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
6.3	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
6.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
7.4	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
8.3	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
9.3	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
10.5	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
11.6	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
12.6	56.8	57.3	58.6	59.3	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
13.3	65.5	66.7	69.7	71.1	71.5	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
13.4	67.7	69.7	73.4	75.3	75.8	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
13.6	73.4	76.8	82.8	85.5	86.5	87.3	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
13.6	74.3	78.6	85.1	88.8	90.0	91.6	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
13.6	74.9	79.5	86.1	90.1	91.5	93.2	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
13.6	74.9	79.7	86.3	90.2	91.6	93.5	95.6	95.6	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1
13.6	75.0	79.8	86.7	90.9	92.3	94.3	96.4	96.4	96.8	96.8	96.8	97.2	97.2	97.2	97.2	97.2
13.6	75.2	80.0	87.0	91.5	92.8	95.1	97.3	97.3	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1
13.6	75.2	80.0	87.0	91.6	93.0	95.3	97.5	97.5	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3
13.6	75.2	80.0	87.0	91.6	93.1	95.8	98.0	98.0	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9
13.6	75.2	80.0	87.2	91.8	93.3	96.0	98.2	98.2	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1
13.6	75.2	80.0	87.2	91.8	93.3	96.0	98.2	98.2	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2
13.6	75.2	80.0	87.2	91.8	93.3	96.0	98.2	98.2	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4
13.6	75.2	80.0	87.2	91.8	93.3	96.0	98.2	98.2	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4
13.6	75.2	80.0	87.2	91.8	93.3	96.0	98.2	98.2	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 880

USAF ETAC 0-14-5-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING	3.3	3.6	4.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
3.3	3.7	9.4	9.4	9.4	9.4	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
4.2	10.9	10.9	10.9	10.9	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
4.2	10.9	10.9	10.9	10.9	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
4.2	10.9	10.9	10.9	10.9	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
4.5	11.6	11.6	11.6	11.6	11.6	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
4.5	11.7	11.7	11.7	11.7	11.7	11.7	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
5.2	12.6	12.6	12.6	12.6	12.6	12.6	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
6.0	14.8	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
6.1	15.7	15.7	15.7	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
6.4	16.9	16.9	16.9	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
7.2	18.5	18.5	18.5	18.5	18.5	18.5	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
8.7	23.3	23.4	23.4	23.4	23.5	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
10.0	29.5	29.9	29.9	30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
12.2	40.1	40.7	41.0	41.5	41.5	41.5	41.6	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8
15.0	52.0	53.5	54.1	55.0	55.1	55.2	55.4	55.4	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8
15.9	64.0	66.1	67.6	69.0	69.2	69.5	69.8	69.8	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1
16.1	65.9	68.8	71.1	73.1	73.4	74.2	74.5	74.5	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9
16.7	71.7	76.2	80.5	83.2	83.7	85.6	86.2	86.3	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0
16.7	72.2	77.1	82.2	85.7	86.5	88.3	89.2	89.3	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6
16.7	73.3	78.6	84.0	88.1	89.2	91.2	92.7	92.8	93.8	93.9	93.9	94.2	94.2	94.2	94.2	94.2
16.7	73.4	78.8	84.2	88.5	89.5	91.8	93.3	93.5	94.6	94.7	94.7	95.0	95.0	95.0	95.0	95.0
16.7	73.4	78.8	84.4	88.9	90.0	92.9	94.7	94.8	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7
16.7	73.5	79.3	85.0	89.8	90.6	93.6	95.6	95.7	97.1	97.3	97.3	97.7	97.7	97.7	97.7	97.7
16.7	73.6	79.7	85.3	90.0	91.0	93.9	96.0	96.2	97.7	98.0	98.0	98.4	98.4	98.4	98.4	98.4
16.7	73.8	79.7	85.3	90.0	91.2	94.8	96.7	96.8	98.4	98.6	98.6	99.2	99.2	99.2	99.2	99.2
16.7	73.8	79.7	85.3	90.0	91.2	94.8	96.7	96.8	98.4	98.6	98.6	99.2	99.2	99.2	99.2	99.2
16.7	73.8	79.7	85.3	90.0	91.2	94.8	96.7	96.8	98.4	98.6	98.6	99.4	99.4	99.5	99.5	99.5
16.7	73.8	79.7	85.3	90.0	91.2	94.8	96.7	96.8	98.4	98.6	98.6	99.4	99.5	99.7	99.7	99.7
16.7	73.8	79.7	85.3	90.0	91.2	94.8	96.7	96.8	98.5	98.8	98.8	99.5	99.7	99.9	99.9	99.9
16.7	73.8	79.7	85.3	90.0	91.2	94.8	96.7	96.8	98.5	98.8	98.8	99.5	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

886

USAF ETAC

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

		VISIBILITY - STATUTE MILES															
		200	26	32	38	44	50	56	62	68	74	80	86	92	98	104	110
NO - FEET		3.5	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
2 - 2000		3.6	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
2 - 8000		3.8	9.0	9.0	9.0	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
2 - 5000		3.8	9.0	9.0	9.0	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
2 - 4000		3.8	9.1	9.1	9.1	9.1	9.1	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
2 - 3000		3.8	9.3	9.3	9.3	9.3	9.3	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
2 - 2000		3.9	9.7	9.7	9.7	9.7	9.7	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
2 - 1000		3.9	9.7	9.7	9.7	9.7	9.7	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
2 - 500		4.7	11.0	11.0	11.0	11.0	11.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
2 - 100		5.2	12.8	12.8	12.8	12.8	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
2 - 50		5.2	13.9	13.9	13.9	13.9	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
2 - 25		5.6	15.5	15.5	15.5	15.5	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
2 - 10		6.3	16.9	16.9	16.9	16.9	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
2 - 5		7.3	20.4	20.4	20.4	20.4	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
2 - 2		9.3	27.0	27.0	27.0	27.0	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
2 - 1		10.8	35.8	35.8	36.1	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
2 - .5		13.1	49.7	50.9	51.8	52.3	52.7	52.8	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0
2 - .25		14.5	60.9	63.9	66.6	67.7	68.1	69.0	69.3	69.3	69.5	69.5	69.5	69.7	69.7	69.7	69.7
2 - .1		15.0	63.2	66.7	70.4	71.7	72.3	73.4	73.6	73.6	74.0	74.0	74.0	74.2	74.2	74.2	74.2
2 - .05		15.1	68.1	73.5	78.4	81.4	82.4	84.1	84.6	84.6	85.2	85.2	85.2	85.5	85.5	85.5	85.5
2 - .025		15.1	69.4	75.5	81.1	84.9	86.3	88.4	89.1	89.1	89.9	89.9	89.9	90.1	90.1	90.1	90.1
2 - .01		15.1	69.9	76.6	82.8	87.4	89.0	92.0	93.2	93.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5
2 - .005		15.1	70.0	76.7	82.9	87.5	89.1	92.1	93.4	93.4	94.5	94.5	94.5	94.8	94.8	94.8	94.8
2 - .0025		15.1	70.2	76.8	83.0	88.0	89.6	92.7	94.1	94.1	95.6	95.6	95.6	95.9	95.9	95.9	95.9
2 - .001		15.1	70.2	77.0	83.6	88.6	90.3	93.5	94.9	94.9	96.5	96.5	96.5	97.2	97.2	97.2	97.2
2 - .0005		15.1	70.2	77.0	83.6	89.1	90.8	94.1	95.9	95.9	97.6	97.7	97.7	98.4	98.4	98.4	98.4
2 - .00025		15.1	70.2	77.0	83.7	89.3	91.0	94.4	96.4	96.4	98.1	98.2	98.2	98.9	98.9	98.9	98.9
2 - .0001		15.1	70.2	77.0	83.7	89.4	91.1	94.6	96.6	96.6	98.5	98.6	98.6	99.3	99.4	99.4	99.4
2 - .00005		15.1	70.2	77.0	83.7	89.4	91.1	94.8	96.7	96.7	98.8	98.9	98.9	99.5	99.7	99.8	99.8
2 - .000025		15.1	70.2	77.0	83.7	89.4	91.1	94.7	96.8	96.8	98.9	99.0	99.0	99.8	99.9	100.0	100.0
2 - .00001		15.1	70.2	77.0	83.7	89.4	91.1	94.7	96.8	96.8	98.9	99.0	99.0	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 888

2

73-82

NY

1900-2000

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-62

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

VISIBILITY STATE MILES																
27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
16.4	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
18.2	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
19.6	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
21.3	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
22.7	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
23.6	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
26.8	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
33.4	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
41.6	42.3	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
56.6	58.4	59.8	60.1	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
69.6	72.6	75.1	76.2	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
71.3	75.0	77.8	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
75.0	80.5	85.1	87.5	88.0	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
76.7	83.0	88.7	91.8	92.2	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
77.1	83.8	90.0	93.6	94.0	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
77.3	84.0	90.3	94.3	94.7	95.7	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
77.3	84.0	90.3	94.3	94.7	95.7	96.1	97.0	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
77.3	84.0	90.4	94.4	94.9	96.3	97.2	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
77.3	84.1	90.7	94.8	95.4	96.7	97.6	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
77.4	84.3	90.9	95.0	95.6	97.4	98.4	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
77.4	84.3	90.9	95.2	95.7	97.5	98.5	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
77.4	84.3	90.9	95.2	95.7	97.5	98.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
77.4	84.3	90.9	95.2	95.7	97.5	98.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
77.4	84.3	90.9	95.2	95.7	97.5	98.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 888

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

411

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2.0000	1.6	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
2.0000	1.7	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
2.0000	1.3	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
2.0000	1.8	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
2.0000	1.9	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
2.0000	1.9	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
2.0000	2.1	15.8	15.7	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
2.0000	2.0	15.8	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
2.0000	2.2	16.6	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
2.0000	2.3	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
2.0000	2.6	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
2.0000	2.8	20.4	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
2.0000	3.1	21.8	21.8	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
2.0000	3.6	25.4	25.5	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
2.0000	4.3	31.7	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
2.0000	5.1	41.1	41.6	41.8	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
2.0000	5.8	54.4	55.8	56.7	57.1	57.2	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5
2.0000	6.2	65.9	68.3	70.7	71.8	72.1	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
2.0000	6.3	67.7	70.8	73.8	75.2	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
2.0000	6.4	73.2	77.9	82.5	84.8	85.5	86.5	87.0	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.4
2.0000	6.4	74.8	80.2	85.7	88.9	89.7	91.0	91.7	91.7	92.1	92.1	92.1	92.2	92.2	92.2	92.3
2.0000	6.4	75.5	81.4	87.3	90.8	91.8	93.5	94.4	94.4	94.9	95.0	95.0	95.1	95.1	95.1	95.1
2.0000	6.4	75.8	81.8	87.9	91.9	92.1	93.9	95.0	95.0	95.6	95.7	95.7	95.8	95.8	95.8	95.8
2.0000	6.4	75.7	81.7	87.7	91.9	92.6	94.6	95.7	95.8	96.5	96.6	96.6	96.8	96.8	96.8	96.8
2.0000	6.4	75.7	81.8	87.9	91.9	93.0	95.0	96.3	96.3	97.1	97.2	97.2	97.4	97.4	97.4	9

TOTAL NUMBER OF OBSERVATIONS 7107

USAF ETAC 0-14-5 OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
ADP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

		VISIBILITY - STATUTE MILES															
		2	2.6	2.9	2.4	2.1	2.0	2.2	2	2.4	2	2.4	2.6	2	2.6	2.4	2.0
NO. CEILING		.5	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
2 2000		.5	17.0	17.0	17.2	17.2	17.2	17.2	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
2 1800		.5	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
2 1600		.5	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
2 1400		.5	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
2 1200		.5	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
2 1000		.5	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
2 900		.5	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
2 800		.5	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
2 700		.5	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
2 600		.5	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
2 500		.5	20.0	20.0	20.1	20.1	20.1	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
2 400		.5	21.7	21.7	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
2 300		.5	24.9	24.9	25.0	25.0	25.0	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
2 200		.5	29.6	29.6	29.9	30.1	30.1	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
2 100		.5	36.8	37.6	38.1	38.4	38.4	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
2 1000		.7	47.8	50.4	52.3	52.7	52.7	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
2 1000		.7	58.1	62.2	65.9	67.4	67.7	68.4	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
2 1000		.7	60.7	64.9	69.0	70.5	70.7	71.7	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
2 1000		.7	66.7	73.0	78.3	80.2	80.7	82.0	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7
2 1000		.7	68.5	76.2	82.7	85.0	85.7	87.3	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2
2 1000		.7	69.3	77.7	84.9	87.5	88.2	90.5	91.0	91.1	91.5	91.5	91.5	91.6	91.6	91.6	91.6
2 1000		.7	69.4	77.9	85.4	88.2	89.1	91.5	92.0	92.1	92.6	92.6	92.6	92.7	92.7	92.7	92.7
2 1000		.7	70.1	78.6	86.1	89.5	90.4	93.2	93.8	93.9	94.4	94.4	94.4	94.5	94.5	94.5	94.5
2 1000		.7	70.4	78.9	86.4	89.9	90.8	93.7	94.4	94.5	95.1	95.1	95.1	95.2	95.2	95.2	95.2
2 1000		.7	70.6	79.2	86.8	90.4	91.4	94.6	95.6	95.7	96.6	96.7	96.7	96.9	96.9	96.9	96.9
2 1000		.7	70.8	79.3	87.1	90.8	91.8	95.2	96.2	96.3	97.5	97.8	97.9	98.1	98.1	98.1	98.1
2 1000		.7	70.6	79.3	87.1	90.8	91.8	95.3	96.3	96.4	97.8	98.1	98.3	98.6	98.6	98.6	98.6
2 1000		.7	70.6	79.3	87.1	90.8	91.8	95.3	96.4	96.5	98.1	98.5	98.6	99.2	99.2	99.2	99.2
2 1000		.7	70.6	79.3	87.1	90.8	91.8	95.3	96.4	96.5	98.3	98.6	98.7	99.5	99.5	99.5	99.5
2 1000		.7	70.6	79.3	87.1	90.8	91.8	95.3	96.4	96.5	98.3	98.6	98.7	99.6	99.6	99.6	99.6
2 1000		.7	70.7	79.5	87.2	90.9	91.9	95.4	96.5	96.6	98.5	98.8	98.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 915

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

		VISIBILITY - STATUTE MILES															
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1000	1000	.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
900	900	.3	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
800	800	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
700	700	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
600	600	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
500	500	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
400	400	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
300	300	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
200	200	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
100	100	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
0	0	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
1000	1000	.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
900	900	.3	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
800	800	.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
700	700	.3	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
600	600	.3	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
500	500	.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
400	400	.3	29.8	30.0	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
300	300	.3	37.8	38.0	38.7	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
200	200	.4	48.8	49.7	51.4	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
100	100	.4	59.3	62.1	65.1	66.4	66.9	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
0	0	.6	61.8	65.0	68.2	69.8	70.0	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
1000	1000	.6	66.8	71.9	77.5	80.6	80.9	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
900	900	.8	68.8	74.7	81.8	85.5	85.8	87.2	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1
800	800	.6	69.2	75.3	82.6	86.8	87.4	89.4	90.2	90.3	91.2	91.2	91.2	91.2	91.2	91.2	91.2
700	700	.6	69.8	75.9	83.6	87.9	88.5	90.5	91.3	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3
600	600	.6	69.9	76.7	85.0	89.6	90.5	92.5	93.6	93.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
500	500	.6	69.9	76.8	85.6	90.5	91.5	94.2	95.3	95.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0
400	400	.6	69.9	76.8	85.7	90.6	91.7	94.4	95.5	95.7	97.6	97.7	97.7	97.8	97.8	97.8	97.8
300	300	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
200	200	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
100	100	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
0	0	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
1000	1000	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
900	900	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
800	800	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
700	700	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
600	600	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
500	500	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
400	400	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
300	300	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
200	200	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
100	100	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9
0	0	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 908

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAM NAS AK

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING		VISIBILITY (STATUTE MILES)															
FEET	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
100	100	1.1	13.7	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
200	200	1.1	14.3	14.5	14.6	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
300	300	1.1	14.6	14.8	14.9	15.0	15.0	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
400	400	1.1	14.7	14.9	15.0	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
500	500	1.1	14.7	14.9	15.0	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
600	600	1.1	14.7	14.9	15.0	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
700	700	1.1	14.8	15.1	15.2	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
800	800	1.1	14.9	15.2	15.3	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
900	900	1.1	15.2	15.4	15.5	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
1000	1000	1.1	16.5	16.7	16.8	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
1200	1200	1.1	16.7	16.9	17.0	17.2	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
1400	1400	1.1	17.7	17.9	18.0	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
1600	1600	1.1	19.6	19.8	20.0	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
1800	1800	1.1	21.9	22.2	22.4	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
2000	2000	1.1	26.1	27.1	27.3	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
2200	2200	1.3	32.1	33.6	34.4	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
2400	2400	1.4	45.5	49.1	50.3	51.3	51.3	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
2600	2600	1.4	55.7	60.3	62.7	64.7	64.8	65.6	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0
2800	2800	1.4	58.3	63.2	65.8	67.8	68.0	69.0	69.1	69.1	69.4	69.4	69.4	69.5	69.5	69.5	69.5
3000	3000	1.4	63.2	71.3	75.1	78.5	78.7	80.3	80.5	80.5	81.0	81.0	81.0	81.1	81.1	81.1	81.1
3200	3200	1.4	65.0	74.2	79.6	83.4	83.8	85.7	86.0	86.0	86.8	86.8	86.8	86.9	86.9	86.9	86.9
3400	3400	1.4	65.5	75.6	81.7	86.3	86.9	89.1	89.5	89.5	90.6	90.7	90.7	90.9	90.9	90.9	90.9
3600	3600	1.4	65.9	76.2	82.3	86.9	87.6	90.0	90.5	90.5	91.6	91.7	91.7	91.9	91.9	91.9	91.9
3800	3800	1.4	66.6	77.2	83.4	88.4	89.2	91.7	92.6	92.6	93.8	93.9	93.9	94.1	94.1	94.1	94.1
4000	4000	1.4	66.7	77.5	84.0	89.3	90.1	93.0	94.3	94.3	95.9	96.0	96.0	96.2	96.2	96.2	96.2
4200	4200	1.4	66.8	77.8	84.2	89.6	90.4	93.3	94.8	94.8	96.4	96.6	96.6	96.9	96.9	96.9	96.9
4400	4400	1.4	66.8	77.8	84.3	89.7	90.5	93.6	95.1	95.1	97.1	97.4	97.5	97.9	98.0	98.0	98.0
4600	4600	1.4	66.8	77.9	84.4	90.1	90.8	93.9	95.4	95.4	97.6	98.0	98.1	98.6	98.7	98.7	98.7
4800	4800	1.4	66.8	77.9	84.5	90.4	91.2	94.3	95.9	95.9	98.1	98.6	98.7	99.1	99.2	99.2	99.2
5000	5000	1.4	66.8	77.9	84.5	90.4	91.2	94.3	95.9	95.9	98.3	98.7	98.8	99.5	99.6	99.7	99.8
5200	5200	1.4	66.8	77.9	84.5	90.4	91.2	94.3	95.9	95.9	98.3	98.7	98.8	99.5	99.6	99.7	99.8
5400	5400	1.4	66.8	77.9	84.5	90.4	91.2	94.3	95.9	95.9	98.3	98.7	98.8	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 917

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

3.0	3.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
3.0	3.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
3.0	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
3.1	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
3.1	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
3.1	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
3.3	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
3.3	10.2	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
3.4	10.8	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
4.4	13.1	13.1	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
4.5	14.5	14.5	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
5.4	16.8	16.8	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
6.1	17.9	17.9	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
7.1	22.1	22.1	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
8.9	31.1	31.1	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
9.9	39.0	39.5	40.1	40.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
10.8	48.5	49.7	51.1	51.9	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
11.1	58.1	60.4	63.5	64.9	65.1	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
11.1	60.9	63.4	67.0	68.9	69.2	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
11.3	67.2	70.8	75.8	79.0	80.0	81.4	81.7	81.7	82.0	82.1	82.1	82.2	82.2	82.2	82.3
11.3	67.8	72.9	78.9	82.8	84.0	85.9	86.8	86.8	87.2	87.3	87.3	87.4	87.4	87.4	87.5
11.3	68.2	73.9	80.5	85.2	86.6	88.6	89.8	89.8	90.5	90.6	90.6	90.7	90.7	90.7	90.8
11.3	68.4	74.3	81.4	86.1	87.7	89.9	91.1	91.1	91.8	91.9	91.9	92.0	92.0	92.0	92.1
11.3	68.9	75.0	82.4	87.8	89.5	92.1	93.4	93.4	94.2	94.3	94.3	94.5	94.5	94.6	94.8
11.3	68.9	75.1	82.6	88.4	90.2	93.0	94.4	94.4	95.7	95.8	95.8	96.2	96.2	96.3	96.4
11.4	69.0	75.2	82.8	88.7	90.4	93.7	95.2	95.2	96.7	97.0	97.0	97.4	97.4	97.5	97.6
11.4	69.0	75.3	83.0	88.9	90.7	94.1	95.7	95.7	97.4	97.8	97.8	98.1	98.1	98.3	98.4
11.4	69.0	75.3	83.0	88.9	90.7	94.2	95.8	95.8	97.6	98.0	98.0	98.4	98.4	98.5	98.6
11.4	69.0	75.3	83.0	88.9	90.9	94.4	96.1	96.1	97.8	98.3	98.3	98.6	98.6	98.7	98.8
11.4	69.0	75.3	83.0	88.9	91.0	94.5	96.3	96.3	98.0	98.5	98.6	99.1	99.1	99.2	99.5
11.4	69.0	75.3	83.0	88.9	91.0	94.5	96.3	96.3	98.0	98.5	98.6	99.1	99.1	99.3	100.0
11.4	69.0	75.3	83.0	88.9	91.0	94.5	96.3	96.3	98.0	98.5	98.6	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

3.4	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
3.4	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
3.5	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
3.7	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
3.8	10.5	10.5	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
3.8	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
3.8	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
4.7	11.7	11.7	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
5.4	15.0	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
5.4	15.4	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
6.4	18.0	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
7.3	19.4	19.5	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
8.1	23.5	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
9.4	31.5	32.7	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4
12.4	39.8	40.4	40.9	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3
13.3	48.9	50.3	51.8	52.3	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8
13.5	58.5	61.5	64.5	65.8	65.9	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7
13.5	61.2	64.9	68.7	70.1	70.5	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3
13.6	66.2	72.3	77.0	79.5	80.3	81.5	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.2
13.6	67.6	74.6	80.8	84.3	85.4	86.9	87.6	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9
13.6	68.5	75.9	82.5	86.8	88.1	89.9	90.7	90.7	91.2	91.4	91.4	91.6	91.6	91.6	91.6
13.6	68.6	76.1	82.6	86.9	88.2	90.2	90.9	90.9	91.5	91.7	91.7	92.0	92.0	92.0	92.0
13.6	68.7	76.2	83.2	88.1	89.6	92.0	93.5	93.6	94.1	94.4	94.4	94.7	94.7	94.7	94.7
13.6	68.7	76.3	83.5	88.4	89.9	92.4	93.9	94.0	94.9	95.2	95.2	95.6	95.6	95.6	95.6
13.6	68.8	76.4	83.8	88.8	90.4	93.0	94.8	94.9	95.8	96.3	96.3	96.8	96.8	96.8	96.8
13.7	68.9	76.5	84.0	89.0	90.7	93.5	95.4	95.5	96.5	97.1	97.1	97.9	97.9	97.9	97.9
13.7	68.9	76.5	84.0	89.0	90.7	93.5	95.7	95.8	96.8	97.6	97.6	98.3	98.3	98.6	98.6
13.7	68.9	76.5	84.0	89.0	90.7	93.5	95.7	95.8	96.8	97.6	97.6	98.5	98.5	98.8	99.0
13.7	68.9	76.5	84.0	89.0	90.7	93.5	95.7	95.8	96.8	97.6	97.6	98.6	98.6	98.9	99.2
13.7	68.9	76.5	84.0	89.0	90.7	93.5	95.7	95.8	96.9	97.7	97.7	98.8	98.8	99.2	100.0
13.7	68.9	76.5	84.0	89.0	90.7	93.5	95.7	95.8	96.9	97.7	97.7	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

934

2
1
GLOBAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
3.2	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
3.3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
3.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
3.6	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
3.6	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
3.6	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
3.6	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
3.6	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
4.1	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
5.1	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
5.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
5.5	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
6.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
7.9	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
9.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
11.0	39.0	39.3	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
11.9	50.0	51.7	51.7	51.9	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
12.3	59.9	62.2	63.8	64.7	65.3	65.7	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
12.4	61.5	64.4	66.6	67.5	68.6	69.3	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
12.4	66.2	71.2	75.4	78.2	79.7	80.8	80.9	80.9	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5
12.4	67.4	73.2	78.9	82.6	84.2	85.7	85.9	85.9	86.3	86.5	86.5	86.7	86.7	86.7	86.7	86.7
12.4	68.4	74.9	81.4	85.7	87.3	89.2	89.8	89.8	90.3	90.5	90.5	90.7	90.7	90.7	90.7	90.7
12.4	68.5	75.0	81.6	85.9	87.5	89.4	90.1	90.1	90.6	90.8	90.8	91.1	91.1	91.1	91.1	91.1
12.4	69.1	75.7	82.6	87.9	89.6	91.9	92.9	92.9	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2
12.4	69.3	76.7	83.0	88.7	90.4	92.6	93.9	93.9	94.6	95.0	95.0	95.3	95.3	95.3	95.3	95.3
12.4	69.3	76.7	83.0	89.0	90.6	92.9	94.4	94.4	95.3	95.8	95.8	96.2	96.2	96.2	96.2	96.2
12.4	69.4	76.1	83.1	89.2	91.2	93.5	95.1	95.1	96.0	96.4	96.4	97.0	97.0	97.1	97.1	97.1
12.4	69.4	76.1	83.1	89.2	91.2	93.5	95.1	95.1	96.1	96.7	96.8	97.7	97.7	97.8	97.9	97.9
12.4	69.4	76.1	83.1	89.2	91.2	93.6	95.2	95.2	96.3	96.9	97.0	98.3	98.3	98.5	98.8	98.8
12.4	69.5	76.2	83.3	89.3	91.3	93.8	95.4	95.4	96.7	97.2	97.3	99.0	99.0	99.3	99.6	99.6
12.4	69.5	76.2	83.3	89.3	91.3	93.8	95.4	95.4	96.7	97.2	97.3	99.0	99.0	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

USAF ETAC 73-14-5 FOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

	12.2	12.4	12.4	12.4	12.5	12.6	12.6	12.6	12.6	12.6	12.7	12.7	12.7	12.7	12.9
.5	12.9	13.1	13.1	13.1	13.2	13.3	13.3	13.3	13.3	13.3	13.4	13.4	13.4	13.4	13.5
.5	13.4	13.6	13.6	13.6	13.7	13.8	13.8	13.8	13.8	13.8	14.0	14.0	14.0	14.0	14.1
.5	13.6	13.8	13.8	13.8	14.0	14.1	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.3
.5	13.6	13.8	13.8	13.8	14.0	14.1	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.3
.5	13.7	14.0	14.0	14.0	14.1	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.4
.5	13.7	14.0	14.0	14.0	14.1	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.4
.5	13.8	14.1	14.1	14.1	14.2	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.5
.5	14.4	14.6	14.6	14.6	14.7	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	15.1
.5	16.6	16.8	16.8	16.8	16.9	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.3
.7	17.4	17.6	17.6	17.6	17.7	17.8	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	18.0
.8	18.9	19.1	19.1	19.1	19.2	19.3	19.3	19.3	19.3	19.3	19.5	19.5	19.5	19.5	19.6
.8	20.9	21.1	21.1	21.1	21.2	21.3	21.3	21.3	21.3	21.3	21.4	21.4	21.4	21.4	21.5
.8	24.6	24.9	24.9	24.9	25.1	25.2	25.2	25.2	25.2	25.2	25.3	25.3	25.3	25.3	25.4
.9	29.8	30.3	30.3	30.4	30.5	30.8	30.8	30.8	30.8	30.8	30.9	30.9	30.9	30.9	31.0
.9	37.9	38.7	39.0	39.2	39.3	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.8
1.0	51.0	52.5	53.6	54.1	54.2	54.7	54.7	54.7	54.8	54.8	54.9	54.9	54.9	54.9	55.1
1.0	60.1	63.3	65.7	66.7	66.9	67.9	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.4
1.0	62.4	65.9	68.5	69.6	69.9	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3
1.1	68.6	73.1	76.8	78.2	78.9	80.9	81.3	81.3	81.9	81.9	82.0	82.0	82.0	82.0	82.1
1.1	69.7	75.3	80.5	83.1	83.8	86.3	86.9	86.9	87.7	87.7	87.8	87.8	87.8	87.8	87.9
1.1	70.3	76.5	83.2	86.3	87.3	90.1	90.9	90.9	91.9	91.9	92.0	92.0	92.0	92.0	92.1
1.1	70.4	76.8	83.7	86.9	87.9	91.0	91.8	91.8	92.7	92.7	92.9	93.0	93.0	93.0	93.1
1.1	70.7	77.4	84.3	88.0	89.0	92.6	93.8	93.8	94.9	94.9	95.1	95.2	95.2	95.2	95.3
1.1	70.9	77.9	84.9	88.9	90.0	93.8	95.1	95.1	96.3	96.3	96.4	96.5	96.5	96.5	96.6
1.1	71.0	78.0	85.1	89.0	90.1	94.1	95.3	95.3	96.6	96.6	96.7	96.8	96.8	96.8	96.9
1.1	71.1	78.1	85.3	89.3	90.5	94.5	95.7	95.7	97.6	97.7	97.8	97.9	97.9	98.1	98.2
1.1	71.1	78.1	85.3	89.5	90.7	94.6	95.9	95.9	98.0	98.1	98.2	98.5	98.5	98.7	98.8
1.1	71.1	78.1	85.3	89.7	90.9	94.8	96.2	96.2	98.2	98.6	98.7	98.9	98.9	99.1	99.2
1.1	71.1	78.1	85.3	89.7	90.9	94.9	96.4	96.4	98.5	98.9	99.1	99.5	99.5	99.7	99.8
1.1	71.1	78.1	85.3	89.7	90.9	94.9	96.4	96.4	98.5	98.9	99.1	99.6	99.6	99.8	100.0
1.1	71.1	78.1	85.3	89.7	90.9	94.9	96.4	96.4	98.5	98.9	99.1	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 910

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

[illegible]TOTAL NUMBER OF OBSERVATIONS 908

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540

ADAK NAS AK

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

VISIBILITY STATISTICS																
	1.5	12.6	12.6	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
1.5	1.5	13.0	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
2.3	1.6	13.5	13.6	13.7	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
3.0	1.6	13.7	13.8	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
4.0	1.7	13.8	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
5.0	1.7	13.9	13.9	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
6.0	1.7	14.0	14.0	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
7.0	1.7	14.1	14.1	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
8.0	1.9	14.6	14.7	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
9.0	2.2	16.4	16.5	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
10.0	2.3	17.1	17.2	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
11.0	2.7	18.7	18.8	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
12.0	2.9	20.3	20.4	20.5	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
13.0	3.3	23.8	24.1	24.1	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
14.0	3.9	29.8	30.2	30.4	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
15.0	4.6	37.6	38.4	38.9	39.1	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
16.0	5.1	48.8	50.7	52.0	52.6	52.6	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
17.0	5.1	58.7	62.0	64.6	66.0	66.3	67.0	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
18.0	5.1	61.1	64.8	67.8	69.4	69.8	70.6	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0
19.0	5.2	66.7	72.4	76.9	79.5	80.2	81.5	81.9	81.9	82.2	82.2	82.2	82.3	82.3	82.3	82.3
20.0	5.2	68.3	75.0	80.8	84.1	85.0	86.6	87.2	87.2	87.6	87.7	87.7	87.8	87.8	87.8	87.8
21.0	5.2	68.9	76.2	82.7	86.7	87.7	89.7	90.5	90.6	91.2	91.3	91.3	91.4	91.4	91.4	91.5
22.0	5.2	69.1	76.8	83.3	87.3	88.3	90.5	91.3	91.4	92.1	92.2	92.2	92.3	92.3	92.3	92.4
23.0	5.2	69.6	77.2	84.2	88.7	89.9	92.4	93.6	93.6	94.5	94.5	94.5	94.7	94.7	94.7	94.8
24.0	5.2	69.7	77.5	84.6	89.4	90.6	93.4	94.6	94.7	95.8	95.9	95.9	96.1	96.1	96.1	96.1
25.0	5.2	69.8	77.6	84.8	89.7	91.0	93.9	95.3	95.3	96.6	96.8	96.8	97.1	97.1	97.1	97.1
26.0	5.2	69.8	77.7	85.1	90.0	91.3	94.4	95.9	95.9	97.4	97.7	97.7	98.1	98.1	98.2	98.2
27.0	5.2	69.8	77.8	85.1	90.1	91.4	94.5	96.0	96.1	97.6	98.0	98.1	98.5	98.5	98.6	98.7
28.0	5.2	69.8	77.8	85.1	90.1	91.5	94.6	96.2	96.2	97.9	98.3	98.4	99.0	99.0	99.1	99.2
29.0	5.2	69.8	77.8	85.1	90.2	91.5	94.6	96.3	96.3	98.0	98.5	98.6	99.3	99.3	99.5	99.6
30.0	5.2	69.8	77.8	85.1	90.2	91.5	94.6	96.3	96.3	98.0	98.5	98.6	99.4	99.4	99.6	99.9
31.0	5.2	69.8	77.8	85.1	90.2	91.5	94.6	96.3	96.4	98.1	98.5	98.6	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7273

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBLSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBLSCURED WAS CONVERTED TO 10/10

SKY COVER

JAN
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	1.2			14.7						25.0	59.2	8.6	921
	03-05	2.0			12.6						28.0	57.4	8.6	920
	06-08	1.2			12.3						26.5	60.0	8.8	910
	09-11	.1			9.1						33.5	57.2	9.0	919
	12-14	.1			7.0						37.3	55.5	9.1	913
	15-17	.2			9.1						34.2	56.5	9.0	912
	18-20	.4			11.5						31.7	56.4	8.8	924
	21-23	1.5			12.9						28.0	57.6	9.7	919
TOTALS		.8			11.2						30.5	57.5	9.8	7338

SKY COVER

FEB
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	1.0			11.1						29.0	59.0	8.8	839
	03-05	1.2			8.9						25.4	64.6	9.0	836
	06-08	1.0			8.1						34.7	56.2	9.0	636
	09-11	.5			6.6						39.5	53.5	9.1	836
	12-14	.6			7.0						39.8	52.6	9.1	840
	15-17	.7			6.4						38.4	54.5	9.1	633
	18-20	.7			7.9						29.4	62.0	9.1	837
	21-23	1.0			10.6						28.7	59.7	8.9	832
TOTALS		.8			8.3						33.1	57.8	9.0	6689

SKY COVER

MAR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	.7			7.2						28.9	63.2	9.1	916
	03-05	.4			3.7						28.8	62.0	9.1	919
	06-08	.1			5.8						37.4	56.7	9.2	916
	09-11	.1			6.1						38.7	55.1	9.2	915
	12-14				4.8						39.9	55.3	9.3	917
	15-17				3.9						36.8	59.3	9.4	921
	18-20				5.1						36.0	58.9	9.3	915
	21-23	.4			6.6						29.9	63.1	9.2	914
TOTALS		.2			6.0						34.6	59.2	9.2	7333

SKY COVER

ADP
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	1.0			6.5						24.6	67.9	9.2	893
	03-05	.7			5.5						25.8	68.0	9.3	892
	06-08	.7			3.4						32.2	63.6	9.4	892
	09-11				3.3						36.7	60.0	9.4	891
	12-14				2.7						35.8	61.5	9.5	889
	15-17	.1			3.3						36.6	60.0	9.4	878
	18-20				2.7						35.3	62.0	9.5	892
	21-23	.8			6.0						26.8	66.4	9.2	687
TOTALS		.4			4.2						31.7	63.7	9.4	7114

SKY COVER

488

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	30-12	.3			4.1						19.9	76.7	9.5	923
	01-05				3.2						21.6	75.3	9.6	918
	06-08				2.7						28.2	69.1	9.5	918
	09-11				2.1						30.4	67.5	9.6	917
	12-14				3.1						32.4	64.4	9.5	918
	15-17				2.4						33.7	63.9	9.5	917
	18-20	.1			2.4						32.4	65.1	9.5	921
	21-23				3.7						23.2	73.1	9.5	923
TOTALS		.1			3.0						27.6	69.4	9.5	7355

SKY COVER

JUN
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	10-02	.4			2.5						11.4	65.7	9.7	894
	03-05	.1			1.4						12.8	85.7	9.8	883
	16-08				1.9						18.0	80.0	9.7	887
	01-11				2.6						21.4	76.0	9.6	884
	12-14	.1			3.8						31.3	64.6	9.4	888
	15-17				3.7						32.7	63.6	9.4	888
	18-20	.1			3.8						26.4	69.7	9.5	898
	21-23	.2			1.9						15.5	82.4	9.7	892
TOTALS		.1			2.7						21.2	76.0	9.6	7114

SKY COVER

۱۱۱

MON*

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	.2			3.3						10.6	85.2	7.6	922
	03-05	.3			2.9						12.9	83.8	7.6	921
	06-08				2.7						18.7	78.5	7.6	923
	09-11	.1			4.0						24.2	71.7	7.5	921
	12-14				5.5						29.8	64.6	7.3	914
	15-17	.1			5.0						28.4	66.4	7.4	921
	18-20	.3			2.8						26.5	70.4	7.5	922
	21-23	.5			2.8						15.3	81.4	7.6	918
TOTALS		.2			3.6						20.8	75.3	7.5	7362

SKY COVER

77-82

425

STATION

STATION NAME

Page 22

4-2000

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	. .			4.2						12.2	83.7	9.5	920
	"-04	.1			3.4						14.3	82.2	9.5	918
	06-08				1.5						21.7	76.5	9.7	918
	"-11	.2			4.3						20.7	74.7	9.5	921
	11-14	.1			3.5						27.3	69.1	9.5	917
	14-17	.4			4.1						23.9	71.6	9.4	921
	17-20	.3			3.6						20.9	75.2	9.5	923
	21-23	.7			3.5						12.4	63.4	9.6	916
TOTALS		. .			3.5						19.2	77.0	9.5	7356

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7450 ADAM NAK AK 77-82 SEP
STATION MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	1.7			10.2						25.2	62.9	8.9	892
	03-05	2.0			10.2						24.1	63.6	8.8	893
	06-08	.2			7.3						33.9	58.6	9.1	891
	09-11	.1			5.4						36.7	57.8	9.2	884
	12-14				5.5						38.3	56.2	9.2	888
	15-17				7.2						39.0	53.8	9.1	890
	18-20	.1			7.7						36.0	56.2	9.1	894
	21-23	.9			9.7						26.7	62.7	9.0	893
TOTALS		.6			7.9						32.5	59.0	9.1	7115

SKY COVER

OCT
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	1.2			13.3						34.1	51.4	9.6	924
	03-05	1.4			14.1						29.4	55.1	9.5	918
	06-08	.1			9.6						40.5	49.8	8.9	919
	09-11				7.9						42.9	49.1	9.0	920
	12-14				5.7						48.1	46.2	9.1	918
	15-17				6.8						45.2	48.0	9.1	916
	18-20				11.2						40.1	48.8	8.8	921
	21-23	.3			12.5						35.3	51.9	8.7	923
TOTALS		.4			10.1						39.5	50.0	8.9	7359

SKY COVER

NOV
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	1.5			12.4						35.4	49.7	9.6	893
	03-05	1.0			14.9						33.9	53.2	9.5	893
	06-08	1.2			13.5						35.2	50.1	9.6	896
	09-11	.2			7.5						46.5	45.8	9.0	883
	12-14				7.0						43.7	49.3	9.1	887
	15-17	.1			6.3						41.5	52.1	9.1	890
	18-20	.4			12.0						36.5	51.1	9.8	893
	21-23	1.1			12.6						36.4	49.9	9.6	888
TOTALS		.7			10.8						38.4	50.2	9.8	7123

SKY COVER

73-62

DEC
MON*

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	2.6			13.0						27.3	57.0	8.6	915
	03-05	2.0			11.6						29.8	56.5	8.7	910
	06-08	1.3			11.5						30.5	56.7	8.8	921
	09-11	.2			6.7						37.1	56.0	9.1	916
	12-14				6.7						39.1	54.2	9.1	906
	15-17	.1			6.0						37.4	55.6	9.1	898
	18-20	.4			11.4						31.2	57.0	8.8	913
	21-23	2.0			13.0						25.9	59.2	8.6	911
TOTALS		1.1			10.1						32.3	56.5	8.9	7290

CLIMAT. CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SKY COVER

714540
STATION

ADAK NAS AK
STATION NAME

73-82
PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	.8			11.2						30.5	57.5	8.8	7338
FEB		.9			8.3						33.1	57.8	9.0	6689
MAR		.2			6.0						34.6	59.2	9.2	7333
APR		.4			4.2						31.7	63.7	9.4	7114
MAY		.1			7.0						27.6	69.4	9.5	7355
JUN		.1			2.7						21.2	76.0	9.6	7114
JUL		.7			3.6						20.8	75.3	9.5	7362
AUG		.3			3.5						19.2	77.0	9.5	7356
SEP		.6			7.9						32.5	59.0	9.1	7115
OCT		.4			10.1						39.5	50.0	8.9	7359
NOV		.7			10.8						38.4	50.2	8.8	7123
DEC		1.1			10.1						32.3	56.5	8.9	7290
TOTALS		.5			6.8						30.1	62.6	9.2	86548

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 714540 ADAK NAS AK
 STATION STATION NAME

43-82

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75								.1	.1				.2
70							.3	.9					.1
65					.1	.2	2.3	4.4	.3				.6
60						1.2	9.8	16.5	2.3	.2			2.6
55			.2	.1	1.2	6.6	35.2	57.8	22.9	2.2	.6	.1	10.6
50	.2	.2	.5	1.9	7.5	38.4	83.5	96.9	79.5	21.5	3.4	.6	28.3
45	4.5	3.0	5.4	16.8	47.7	90.7	99.8	100.0	99.7	69.5	19.1	5.6	47.3
40	23.6	22.9	43.6	72.9	95.9	99.9	100.0	100.0	100.0	97.9	66.2	32.4	71.7
35	72.8	72.9	87.3	97.3	99.9	100.0				100.0	96.2	78.8	92.2
30	96.2	96.0	98.8	99.9	100.0						100.0	98.9	99.2
25	99.9	99.6	100.0	100.0								100.0	100.0
20	100.0	100.0											100.0
15													
10													
5													
0													
MEAN	36.6	36.8	38.7	41.4	44.7	48.8	53.6	55.8	52.2	46.5	41.2	37.8	44.5
S D	4.176	4.016	3.883	3.508	3.391	3.685	4.355	4.252	3.396	3.683	4.090	4.070	7.613
TOTAL OBS	1209	1099	1209	1170	1209	1200	1240	1240	1199	1209	1186	1240	14410

USAFETAC FORM 0-21.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

74540

ADAK NAS AK

STATION

STATION NAME

43-82

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
5							.6	2.3	.2				.3
4						.2	6.4	19.0	3.6				2.5
3				.1	.1	5.8	47.9	79.0	47.1	5.3	.7		15.6
2	2.0	.1	.4	2.8	15.5	71.7	95.7	97.9	88.0	39.8	7.7	2.4	35.9
1	18.1	11.3	16.0	36.2	76.8	98.1	99.8	99.8	98.7	83.5	41.5	19.1	58.7
0	32.7	26.9	34.5	63.5	91.2	99.4	100.0	100.0	99.4	91.1	61.7	37.3	70.2
-1	55.1	50.8	65.8	88.3	97.7	99.9			99.9	97.8	83.1	61.2	83.5
-2	78.6	78.4	89.2	98.5	99.8	100.0			100.0	99.9	95.6	85.4	93.9
-3	93.5	92.2	97.4	100.0	100.0					100.0	98.7	95.7	98.2
-4	98.4	97.5	99.7								99.8	99.0	99.6
-5	99.8	99.5	100.0								100.0	99.9	99.9
-6	100.0	99.9										100.0	100.0
-7		100.0											100.0
-8													
-9													
-10													
-11													
-12													
-13													
-14													
-15													
-16													
-17													
-18													
-19													
-20													
-21													
-22													
-23													
-24													
-25													
-26													
-27													
-28													
-29													
-30													
MEAN	29.2	28.6	30.4	33.3	36.5	40.6	44.5	46.8	43.8	38.3	33.3	30.2	36.3
S.D.	6.033	5.802	4.552	3.381	3.033	2.631	3.161	3.392	3.615	4.094	4.714	5.436	7.521
TOTAL OBS	1209	1099	1209	1170	1209	1200	1240	1240	1199	1209	1186	1240	14410

USAFETAC FORM 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH

AFETAC

ALL LEATHER SERVICE/MAC

7 454 ADAM NAS AK
STATION STATION NAME

43-62

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

JEAN

[illegible]

GLOBAL CLIMATOLOGY BRANCH
 STAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

74340 STATION ADAK NA, AK STATION NAME

43-02 YEARS

WOLF DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43						4	63	66	59	53	45	40	
44	37*	42	45	42	46	54	60	66*	64	52	49	44	66
45	40	43	42	52	51	54	64	60	58	60	54	52	64
46	42	41	4	41	46	56	69	64	62	57	48	48	69
47	52	42	47	45	46	6	63	63	75	53	48	44	75
48	39	40	45	50	48	51	60	64	63	53	48	44	68
49	40	47	47	46	52	62	60	69	55	51	54	46	69
50	41	40	43	46	47	64	70	67	55	50	51	55	70
51	40	46	44	46	47	56	62	63	56	52	49	47	63
52	44	45	47	41	56	50	56	65	56	54	46	47	65
53	42	39	4	47	47	59	51	71	57	52	48	40	71
54	43	42	45	48	44	56	65	66	62	52	48	53	66
55	43	47	45	46	46	53	66	63	56	55	46	45	68
56	47	48	44	46	46	54	66	75	57	59	46	44	75
57	46	45	41	48	51	52	57	63	57	51	46	49	63
58	44	42	45	46	46	56	63	67	58	59	45	43	67
59	40	43	41	48	5	50	62	65	66	55	45	48	66
60	40	42	42	43	46	52	61	61	63	61	51	41	63
61	42	42	43	53	54	57	65	61	60	54	54	45	65
62	47	47	47	56	58	65	72	64	60	54	45	41	72
63	47	41	46	50	52	56	69	70	61	54	50	42	70
64	44	41	48	47	65	58	64	61	61	60	54	47	65
65	46	46	47	52	51	60	68	66	59	52	55	46	68
66	41	44	49	50	52	54	64	65	64	53	50	45	65
67	46	43	51	53	57	63	68	68	59	55	55	46	68
68	50	43	45	47	54	56	65	61	58	56	46	51	65
69	50	50	48	47	51	54	64	74	59	52	51	39	74
70	42	44	46	47	51	58	58	69	58	53	57	54	69
71	40	48	49	48	55	59	57	68	64	*	51	47	
72	42	42	45	50	59	59	62	60	58	51	49	45	62
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

7 4 4 0 ADK VAG AK
STATION STATION NAME

43-22

YEARS

HOLE DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

8 (AT LEAST ONE DAY LESS THAN 2 OBS)

2

GLOBAL CLIMATOLOGY BRANCH
NAFLTAC
AF Weather Service/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

7.4-40
STATION

ADAK NAS AK

STATION NAME

43-22

YEARS

HOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
43						37	37	40	39	34	25	22	
44	20*	19	22	26	29	37	40	43*	38	34	26	22	*
45	2	19	19	20	32	36	42	42	35	28	29	18	
46	17	13	11	29	28	35	39	30	36	28	23	15	
47	10	12	16	22	34	32	40	42	35	28	30	18	
48	16	16	26	22	32	37	40	42	34	30	29	23	
49	10	21	21	24	28	34	38	40	36	32	18	10	
50	27	22	2	26	29	37	40	44	35	32	22	19	
51	1	26	25	24	34	36	37	40	38	34	29	24	
52	22	16	16	26	34	36	38	43	32	35	23	14	
53	10	19	20	26	29	37	42	42	39	31	19	13	
54	1	15	19	29	33	35	40	39	39	31	22	19	
55	17	17	29	27	30	37	36	41	36	29	30	25	
56	20	26	23	27	30	37	39	40	39	31	23	22	
57	19	11	15	29	34	36	40	43	32	33	25	20	
58	10	14	26	28	31	35	38	36	26	31	23	22	
59	20	17	13	26	34	37	39	41	41	29	28	17	
60	21	13	29	24	33	37	42	45	39	31	23	20	
61	20	23	16	27	29	35	36	42	39	29	23	20	
62	10	17	29	26	37	37	42	45	34	27	19	25	
63	21	22	24	26	25	35	38	33	37	34	24	19	
64	14	3	22	21	26	37	37	40	33	28	16	20	
65	14	6	23	28	26	30	41	43	34	29	26	10	
66	19	16	22	24	29	36	39	35	36	25	27	20	
67	9	6	16	25	34	37	42	40	35	26	23	13	
68	21	22	21	24	31	37	42	36	35	22	19	26	
69	13	21	24	28	30	30	41	40	32	32	12	14	
70	14	16	16	26	34	35	40	40	35	36	25	22	
71	21	6	13	22	20	29	33	37	37	*	16	13	
72	17	20	18	26	30	32	40	37	31	30	13	17	
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

* AT LEAST ONE DAY LESS THAN 24 OBS

- F I T A C

2

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

445
STATION

ADAF NZ AR

STATION NAME

43-22

YEARS

HOLF DEG-DES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

A (AT LEAST ONE DAY LESS THAN 24 OBS)

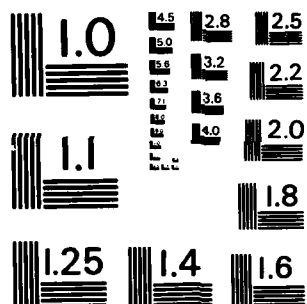
UNCLASSIFIED

USAFETAC/DS-83/038 SBI-AD-FB50 421

F/G 4/2

NL

4/5



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PSYCHROMETRIC SUMMARY

74640	ADAK SAL AK
STATION	STATION NAME

73-82

YEARS

1964
MONTH

PAGE 1 0000-0200
HOURS (L - S, T.)

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74-40 STATION ADAM NAS AK STATION NAME 73-82 YEARS JAN MONTH

PAEF 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
4 / 45			.2															2																
4 / 43		.1																4																
3 / 41	.2	1.1	.5															17	17	7														
40 / 37	1.3	1.4	1.1		.1													26	26	26	17													
3 / 37	3.1	3.3	2.6															83	83	56	42													
1 / 35	2.9	6.9	3.6	1.4														137	137	69	47													
3 / 33	2.5	13.2	5.6	.4														201	201	155	42													
2 / 31	2.4	8.3	5.2	.8														162	162	168	126													
1 / 29	2.3	5.5	3.3	.2														104	104	158	134													
2 / 27	1.0	4.3	1.5															63	63	173	58													
1 / 25	.5	3.5	.7															43	43	76	101													
2 / 23	.5	1.2	.2															18	18	43	65													
2 / 21	.2	1.3	.1															15	15	19	73													
1 / 19	.3	1.0																12	12	15	71													
1 / 17	.3	.9																11	11	11	33													
1 / 15		.3	.2															5	5	7	28													
1 / 13	.1	.4																5	5	4	16													
1 / 11	.3																	3	3	7	13													
1 / 9																					9													
1 / 7																					7													
1 / 5																					2													
TOTAL	1.1	152.6	25.2	2.8	.1													921		921	2.1													
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	61.2848		74610		61.012.270		921		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total													
Dry Bulb	968.176		29866		32.5.116		921				48.5										93													
Wet Bulb	667949		27879		30.3.5.112		921				61.4										93													
Dew Point	693587		28505		26.6.6.723		921				70.1										93													

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
AK 64

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAF

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 1

9600-0800
MAY 11 1961

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
4 / 45			.1															1	1					
4 / 43		.3	.2															5	5					
4 / 41		.3	.4															12	12	6				
40 / 37	2.1	1.2	.8	.1														38	38	21				
4 / 37	2.5	3.2	2.1															71	71	31				
4 / 35	3.	7.4	4.4	1.1														144	144	45				
3 / 33	4.3	11.7	5.2	.7														198	198	50				
2 / 31	2.5	2.6	6.6	.6														175	175	130				
1 / 29	1.2	5.8	4.5	.1														196	196	111				
1 / 27	1.5	4.4	1.5															68	68	117				
1 / 25	.4	.4	.6															31	31	91				
2 / 23	.1	1.5	.1															16	17	72				
2 / 21	.4	1.1																14	14	57				
1 / 19	.7	1.1																13	13	78				
1 / 17		.4																4	4	46				
1 / 15																			2	24				
1 / 13		.6																5	5	17				
1 / 11	.4	.2																6	6	6				
1 / 9	.1																	1	1	4				
1 / 7		.1																1	1	4				
1 / 5																				3				
1 / 3																				3				
1 / 1																				1				
13 L	19.35	1.92	6.5	2.5														939	910	909				

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

~~7 4542~~ ~~ADAK NAS AK~~

STATION NAME

73-62

YEARS

PAGE 1 ~~0000-1100~~
HOURS (11:30-12)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
4 / 45				.3														3	3																	
4 / 43			.3															3	3	1																
4 / 41		.1	1.6	.3														19	19	9	1															
4 / 39	1.1	2.3	.2	.7														42	42	28	16															
7 / 37	3.7	2.9	3.3	.3														93	94	54	43															
7 / 35	3	6.3	4.7	1.4														159	159	94	45															
3 / 33	4.7	9.6	6.9	.5														159	200	170	66															
2 / 31	3.2	4.4	7.6	.5														189	189	175	141															
2 / 29	.8	4.8	4.4	.2														93	93	141	105															
2 / 27	1.3	3.1	1.1	.1														51	51	123	91															
1 / 25	.5	2.3	.4															30	30	66	89															
1 / 23	.4	.5																9	9	72	66															
2 / 21	.3	.5																11	11	12	75															
1 / 19	.3	.1																4	4	8	67															
1 / 17	.1	.1																2	3	2	33															
1 / 15	.1	.1																2	2	2	27															
1 / 13																					6															
1 / 11	.1																	1	2	1	7															
1 / 9	.1																	1	2	1	1															
1 / 7	.1																	1	1	1	1															
1 / 5																					1															
Tot	22.146	22.9	3.8															912		912																
																						912		912												

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4543 ADAM NAE AK

13-22

Aufgabe

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1230-1430
HOURS (L. S. T.)

[illegible]

PAGE 1 ~~1500-1700~~
~~1000-1300~~

USAFETAC 0-26-5 (OLA) FORM 0-26-5 (OLA) REV. 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7 4340
STATION

ADAK NAS AK

STATION NAME

73-62

YEARS



PAGE 1

1800-2000
HOURS (L-S-Y)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
4 / 4		.4	.1															3	5	1												
4 / 43		.3																3	5	3	5											
4 / 41		1.2	.2															14	14	7												
4 / 3		.9	1.7	1.5														36	38	26	15											
7 / 37	3.4	4.1	2.6	.2														75	95	55	27											
7 / 35	3.5	4.3	4.1	.9														164	164	90	51											
8 / 33	2.1	2.7	4.9	.4														145	165	171	59											
2 / 31	1.3	1.6	4.8	.5														159	159	173	142											
7 / 27	1.1	6.7	4.7	.1														109	109	129	113											
7 / 27	.6	6.0	1.7															78	78	123	116											
7 / 25	.4	3.8	.7															45	45	178	83											
7 / 23	.2	.3	.1															6	6	78	61											
2 / 21	.2	.9																10	10	7	34											
7 / 1		.5																5	5	6	71											
7 / 17	.1	.5																6	6	4	37											
1 / 15		.1																1	1	5	22											
1 / 13																					19											
1 / 11																					6											
1 / 7																					3											
TOTAL	13.958	525.5	2.2															923	923	923	923											

Element (X)	Σ x ¹	Σ x	Σ	σ _s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6112476	74356	60.6	1.248	923	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1000125	30117	32.6	4.347	923		42.2					93
Wet Bulb	893956	26426	32.8	4.481	923		58.1					93
Dew Point	712809	24993	27.1	6.253	923		76.8					93

GLOBAL CLIMATOLOGY BRANCH
METAC
ATTN: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14545
STATION

ALAK NAG AK

STATION NAME

3-82

YEARS



PAGE 1

~~2100-2743~~
HQS 11-5-61

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
4 / 45		.1	.1															4	2	1						
4 / 42		.4	.1															5	5	1	1					
3 / 41		1.2	.2															13	13	7	2					
4 / 38	.9	1.3	1.3															37	37	18	13					
1 / 37	3.3	3.7	2.9	.2														7	87	57	37					
1 / 35	2.6	5.8	4.2	1.3														145	145	76	34					
3 / 33	3.2	11.6	5.2	.2														145	186	177	67					
2 / 31	1.5	8.4	5.7	.2														157	157	116	137					
1 / 29	1.6	4.2	3.8	.2														91	91	130	126					
1 / 27	1.1	5.9	1.3															76	76	99	96					
1 / 25	.9	3.5	1.0															49	49	171	71					
2 / 23	.5	3.2	.2															16	36	52	67					
2 / 21	.4	.8																11	11	27	80					
1 / 19	.1	.7																7	7	6	42					
1 / 17	.2																	2	2	4	35					
1 / 15	.1																	1	1	2	20					
4 / 13	.1																	1	1	1	10					
1 / 11																					6					
5 / 9																					4					
TAL	14.155	126.1	2.7																919	919	919					
																						919		919		

CLIMAT CLIMATOLOGY BRANCH
METAC
A FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4440 -DAK VAL AK

73-82

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7 4540 ACAK MAS AK
STATION

73-82

YEARS

FEB
MONTH

PAGE 1 ~~0000-0200~~
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
4 / 93			.5															5	5													
2 / 41		.4	.6															8	8	1												
M / 37		1.0	1.0															16	16	8												
3 / 32	1.6	4.1	2.0	.1														65	65	32	17											
1 / 35	4.3	7.5	4.2	.8														141	141	95	41											
3 / 33	3.0	12.8	4.2	.6														172	172	135	61											
2 / 31	3.3	8.7	7.0	.6														165	165	155	128											
1 / 29	2.1	5.4	3.9															96	96	125	100											
2 / 27	2.1	4.2	1.6															65	65	119	98											
1 / 25	1.2	3.2	1.6															52	52	79	69											
2 / 23	.4	1.9	.1															20	20	41	63											
2 / 21	.7	1.1	.2															17	17	28	72											
1 / 19	.4	.7																9	9	12	50											
1 / 17	.1	.2																3	3	3	46											
1 / 15		.1																1	1	2	29											
1 / 13	.1																	1	1	1	26											
1 / 11	.1																	1	1	1	4											
1 / 9	.1																	1	1	1	4											
1 / 7																		1			1											
TOTAL	19.55	1227.2	2.1															836	838	838												
										</																						

CLIMAT CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4540	ADAM NAL AY	03-82	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
47 / 43			.6															5	5																	
46 / 41			.5	.1														6	8																	
45 / 39		.1	1.7	.7														21	21	9	1															
44 / 37	1.2	3.8	2.4	.1														63	63	35	13															
43 / 35	4.1	8.9	3.5	.5														141	141	82	32															
42 / 33	3.2	10.9	4.3	.5														153	149	156	60															
41 / 31	4.7	9.1	5.5	.2														166	166	147	106															
40 / 29	2.4	3.4	4.1	.1														82	82	122	119															
39 / 27	1.7	5.3	1.6															71	71	98	88															
38 / 25	.4	3.8	1.9															51	51	78	78															
37 / 23	.8	2.1	.1															27	26	45	51															
36 / 21	1.1	1.9	.4															23	22	40	66															
35 / 19	.1	.5	.1															6	6	12	73															
34 / 17		.2																2	2	4	46															
33 / 15		.1																1	1	2	26															
32 / 13	.1	.1																2	2	1	9															
31 / 11	.1																	1	1	2	13															
30 / 9	.1																	1	1	1	5															
29 / 7																					3															
28 / 5																					1															
TOTAL	27.25	2.32	6.5	1.6														932		832	832															

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5617264	67614	81.3	12.175	832	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	855236	26420	31.7	4.685	834		49.0					84
Wet Bulb	765842	24944	30.0	4.654	832		55.5					84
Dew Point	610478	21932	26.4	6.277	832		71.3					83

GLOBAL CLIMATOLOGY BRANCH
C/ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

7 4540 ADAM NAS AK 73-62 STATION NAME YEARS FEB MONTH

PAGE 1 ~~CONFIDENTIAL~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
47 42			.4															3	3				
47 41		.1	1.0															5	9				
47 39	.4	1.8	.6	.1														24	24	10	3		
47 37	2.4	3.3	2.3	.4														68	68	45	18		
47 35	3.3	7.9	5.7	.6														129	129	55	54		
47 33	4.3	9.2	4.7	.5														156	156	159	59		
47 31	2.5	9.6	5.9	.1														151	151	123	109		
47 29	1.8	6.0	4.5	.2														155	155	136	127		
47 27	1.5	3.9	1.															56	56	172	101		
47 25	.6	4.3	1.7															55	55	72	66		
47 23	.7	2.9	.5															34	34	48	46		
47 21	1.3	1.4	.1															24	24	45	61		
47 19	.4	1.0																11	11	14	51		
47 17	.1	.6																6	6	9	51		
47 15	.1	.4																4	4	3	28		
47 13	.1																	1	1	4	18		
47 11																					14		
47 9																					4		
47 7																					4		
TOTAL	11.952	326.0	1.9															236	236	236			

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	659436	67598	80.912	2.13	836	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	50198	26350	31.5	4.653	836		48.0					84
Wet Bulb	760593	28891	29.8	8.831	836		56.0					84
Dew Point	602862	21790	26.1	6.876	836		71.8					84

USAFETAC
FORM 0-26-5 (OLA)
JUN 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4547	ADAK NAS AK
STATION	STATION NAME

13-02

YEARS

155
MONTH

PAGE 1 7950-11.0
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
/ 51				.1														1	1					
/ 45			.1															1	1	1				
/ 43			1.2	.2														13	13	1				
/ 41		.4	1.2	.1														14	14					
/ 39	.6	2.4	1.4	.6	.1													43	43	24	7			
/ 37	3.	4.9	2.2	.8	.1													90	90	60	22			
/ 35	3.4	5.4	5.3	1.1														151	151	90	80			
/ 33	.4	9.3	5.1	.5														153	154	153	71			
/ 31	3.	8.6	3.7	.4														173	173	177	115			
/ 29	1.7	4.3	4.3	.4														86	87	150	97			
/ 27	1.7	2.5	1.1															41	41	153	106			
/ 25	.7	2.8	.7															35	35	59	71			
/ 23	.2	1.2	.4															15	15	25	81			
/ 21	.5	.5	.4															11	11	12	72			
/ 19	.2	.5																6	6	9	56			
/ 17	.1																	1	1	3	29			
/ 15		.1																			15			
/ 13																				1	15			
1 / 11																					4			
/ 9																					4			
/ 7																					4			
TTL	1	.14	.53	2.2	4.	.2													835	835	935			

JOINT CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4340	ADAK NAS AK	72-85	EEI
STATION	STATION NAME	YEARS	WORTH

PAGE 1 ~~120-1400~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
12 / 53							.1											1	1																
1 / 51							.1											1	1																
1 / 47					.1													1	1																
4 / 45			.1	.1	.2	.1												5	5	1															
4 / 40			.2	1.	.6													15	15	3	1														
2 / 41		.1	.5	2.3	.2													26	26	5	1														
1 / 3		.6	3.1	3.5	1.1													63	63	19	6														
1 / 37	3.5	6.8	4.5	3.1	.1													141	141	87	31														
1 / 35	2.1	7.7	6.	1.7														147	147	100	53														
3 / 33	2.3	3.5	4.2	2.0														142	142	166	82														
1 / 31	2.4	7.5	6.	1.4														145	145	143	136														
1 / 24	.6	2.6	2.6															51	51	161	55														
1 / 27	.7	1.7	1.5	.1														34	34	51	95														
1 / 26	.7	.6	.2															12	12	44	91														
1 / 23	.6																	5	5	15	75														
2 / 21			.1															1	1	4	72														
1 / 1																				1	63														
1 / 17																					23														
1 / 15																					18														
1 / 13																					7														
1 / 11																					2														
1 / 1																					2														
TOTAL	13.27	.836	.910	.6	.5														640	640	941	941													

Element (X)	Σ x ²	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	507.408	64266	76.511	5.76	840	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	161.095	29059	34.6	3.910	840		28.2					64
Wet Bulb	79.221	26275	32.1	3.893	840		48.2					64
Dew Point	66.704	23102	27.6	5.575	840		66.4					64

PSYCHROMETRIC SUMMARY

454	ADAK NAS AK	12-60	FE
STATION	STATION NAME	YEARS	MONTH

PAGE 1 ~~14-00000~~
HOURS (L. S. T.)

[illegible]

CLIMATE CLIMATOLOGY BRANCH
ETAC
A. LEATH R. SERVICE/AC

PSYCHROMETRIC SUMMARY

4343	ADAM NAS AP.	73-82	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE : 2100-2300
HOURS : 11 5 7 1

[illegible]

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

CLIMATE CLIMATOLOGY BRANCH
OFFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

74547 ADAX LAS AK
STATION STATION NAME

73-42

YEARS

55-
MONTH

PAGE 1

HOURS (C, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
47 / 53																		1	1							
47 / 51																		2	2							
47 / 47																		2	2							
47 / 45																		11	11	2						
47 / 43																		66	66	5						
47 / 41																		127	127	21						
47 / 39																		274	274	176	39					
47 / 37																		664	664	438	164					
47 / 35																		1162	1162	543	353					
47 / 33																		1342	1344	1246	532					
47 / 31																		1258	1258	1128	1039					
47 / 29																		686	690	1136	723					
47 / 27																		427	427	616	745					
47 / 25																		319	319	514	652					
47 / 23																		149	150	295	530					
47 / 21																		113	113	191	500					
47 / 19																		79	39	71	474					
47 / 17																		18	18	26	340					
47 / 15																		8	8	9	165					
47 / 13																		6	6	9	113					
47 / 11																		2	2	3	54					
47 / 9																		2	2	2	44					
47 / 7																					11					
47 / 5																					1					
TOTAL	16.24	530.1	4.4	.1														6661	6665	6681						

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4334.076	5313.60	79.5	12.712	6661	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	7255977	216148	32.6	4.532	6685		338.8					672
Wet Bulb	64148.1	27436.1	30.7	4.464	6681		422.5					672
Dew Point	62226.7	17852.0	26.7	6.148	6661		658.6					672

CLIMATE CLIMATOLOGY BRANCH
METAC
A. LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-40 ADDER NAL AK
STATION

77-67

24
MONT

PAGE 1

1122-22
HOURS 11.5.1

[illegible]

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

77-82

YEARS

4.2

PAGE 1 ~~1906-1100~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
4 / 53		.1																1	1					
4 / 51		.2																2	2					
4 / 49	.1	.2				.1												4	4	1	1			
4 / 43	.1	.5	.3	.2														13	17	6	4			
4 / 41	.5	2.1	2.7	.5														54	54	15	7			
4 / 39	1.9	4.4	4.5	.4														102	102	41	25			
4 / 37	3.2	8.7	5.9	1.3														174	175	126	53			
4 / 35	3.1	10.4	9.7	1.3														224	224	156	85			
3 / 33	1.8	7.9	6.4	.4														150	150	132	103			
4 / 31	.7	3.5	3.6	.5														78	70	147	157			
4 / 29	.4	3.3	2.2	.3														57	57	91	98			
4 / 27	.4	1.8	.9															24	24	66	91			
4 / 25	.4	1.1	.3															17	17	41	63			
4 / 23	.3	.5																8	8	19	70			
2 / 21	.1	.4																5	5		50			
4 / 19																				4	39			
4 / 17																					11			
4 / 15																					15			
4 / 13																								
4 / 11																								
TOTAL	11.34	5.33	6.15	.1	.1														214		513			
																		913		913				

Element (X)	Σx^4	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5608657	72543	79.611	888	913	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	11525.6	32236	35.3	4.130	913		19.2					23
Wet Bulb	117066	30229	33.1	4.257	913		38.0					23
Dew Point	818059	26795	29.3	5.893	913		68.7					4

CENTRAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

7 4540 ADAK NA, AM
STATION

73-62

4.45
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

[illegible]

2



PSYCHROMETRIC SUMMARY

73-42

YEARS

4.2
MONTH

PAGE 1 1900-1900
HOURS (L. S. T.)

USAFETAC
FORM
AA 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
METAC
41. LEATHER SE. VIOL/MAC

PSYCHROMETRIC SUMMARY

714 40	ADAM N. AK
STATION	STATION NAME

73-62

YEARS

4 A.
MONTH

PAGE 1 1870-2700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

HOURS (L. S. T.)

[illegible]

CLIMATE CLIMATOLOGY BRANCH
ETAC
EQUATORIAL SERVICE/ETAC

PSYCHROMETRIC SUMMARY

7-4-4 ADAF, NAS AK

73-62

24

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL
HOURS (L. S. Y.)

[illegible]

GENERAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

4-42	ADAM VAL AK	73-62	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 2000-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
4 / 45			.1	.3														4	4	1																
4 / 45			.3	.4														11	11		1															
1 / 41	1.0	2.5	.7															37	37	31	11															
1 / 37	2.9	4.3	2.9	.1														89	89	81	41															
1 / 37	2.5	1.1	1.1	5.5	.2													182	182	14	31															
1 / 35	1.6	1.4	.8	8.4	.3													224	224	162	76															
3 / 33	.01	.2	7.9															169	169	211	100															
1 / 31	.6	6.2	5.1															105	105	146	104															
1 / 27	.2	1.3	.3															47	48	107	100															
1 / 25	.1	.1	.3															16	16	45	100															
1 / 22	.1																	1	1	5	73															
2 / 21																					4															
1 / 17																					3															
1 / 17																					5															
1 / 11																					7															
1 / 13																					1															
TOTAL	95.4	335.2	.7															900		800																

0-26-5 (OL A)

USAFETAC

CLIMAT CLIMATOLOGY BRANCH
METAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.4543
STATION

A. A. VA' A.

73-82

ADP

MONTH

YEARS

PAGE 1

2320-2522
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
/ 47				.1														1	1							
" / 46			.1	.2														3	3							
47 / 43			.4	.6														5	5							
/ 41	.7	2.3	1.1															41	41	20	9					
/ 38	2.4	5.3	2.4															89	89	52	44					
/ 37	1.9	8.8	5.1	.6														145	145	75	47					
/ 36	3.1	13.4	6.4	.3														224	224	155	71					
/ 35	.3	12.8	9.1															198	198	155	73					
/ 34	.4	6.3	5.1															109	109	169	107					
/ 33	.3	3.7	1.9															47	47	113	117					
/ 27		1.9	.1															18	18	47	118					
/ 26	.1	.7	.0															9	9	31	99					
/ 25		.1																1	1	3	61					
/ 21		.1																1	1	3	52					
/ 1																				1	25					
/ 17																					7					
/ 16																					6					
TOTAL	.255	734.1	1.0															891	591	801	391					

PSYCHROMETRIC SUMMARY

4240	ALAK NAG AN	73-80	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 ~~CONFIDENTIAL~~
MAY 11 1961

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
1 / 0			.1	.1														1	1													
1 / 47			.2															1	1	2												
4 / 45			.7															1	1		1											
4 / 42		.2	1.6	.4														22	22	1	7											
1 / 41	1.1	3.3	1.6	.1														56	56	75	12											
4 / 37	1.0	6.7	1.2	.6														86	86	86	39											
1 / 35	2.1	10.3	4.2	.8														160	160	98	49											
1 / 25	3.0	12.1	2.7	.8														220	220	185	44											
3 / 15	1.2	16.9	9.4	.2														193	193	107	55											
2 / 31	.3	4.5	4.5															26	66	173	102											
1 / 27	.4	2.2	1.7															39	39	171	134											
1 / 22	.1	1.2																12	12	42	111											
1 / 25		.6																		23	79											
2 / 22		.4																4	4	6	53											
2 / 21																				7	57											
1 / 12																					24											
1 / 17																					4											
1 / 15																					1											
1 / 13																					1											
124	1.555	232.8	2.5																842			842										
																		842		842												

Element (X)	Σ x²	Σ x	x̄	s²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5.72865	71743	60.9	10.732	892	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1143176	31777	35.6	3.614	892		14.7					50
Wet Bulb	10177.3	24931	33.6	3.887	892		37.4					40
Dew Point	830744	26746	30.0	5.436	892		25.2					40

METEOROLOGICAL CLIMATOLOGY BRANCH
 TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4540 ADAK NAS AK
STATION

STATION NAME

73-42

YEARS

LP -

MONTH

FAS-1

0400-1100

HOURS 11, 5, 7,

[illegible]

1. JOURNAL CLIMATOLOGY BRANCH
 2. PETAC
 3. AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
42-13	ALABAMA	73-52	APR

PAGE 1 1210-1433
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
1 / 4			.1	.1	.1													3	3																
2 / 47			.5	.5	.1													9	9																
3 / 45		.3	2.3	.9	.6	.2												35	39	13	7														
4 / 43		.5	4.4	2.5	2.8	.2												52	52	32	15														
5 / 41	1.1	6.5	6.0	5.4	.5													174	174	51	37														
6 / 39	2.2	5.1	1.1	4.7														155	135	122	46														
7 / 37	1.3	7.1	6.6	4.3														176	176	154	50														
8 / 35	.2	5.7	3.8	1.2														134	134	226	55														
9 / 33	.1	3.3	3.8	.9														71	71	137	103														
10 / 31		1.2	.5															19	19	56	134														
11 / 29		.3	.1															6	6	45	107														
12 / 27	.1																	1	1	1	54														
13 / 25																					78														
14 / 23																					50														
15 / 21																					53														
16 / 19																					13														
17 / 17																					4														
Totals	7.1	136	35.4	20.3	1.2													598	588		868														

Element (X)	Σ x'	Σ x	Σ	Σ ₂	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	52308.6	67126	75.6	3.291	888	≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1365.21	34591	39.1	3.452	588		2.6					2
Wet Bulb	11723.7	321.1	36.1	3.557	568		14.3					5
Dew Point	1824.1	28113	31.7	5.668	509		5.1					5

CE NAL CLIMATOLOGY BRANCH
METAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-4 40 ACAR NA' EK

77-60

१७३

STATION 2M

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700
MAY 11, 1961

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
/ 4			.1	.3														4	4							
/ 47		.3	.5	.7	.1													10	11							
/ 45		.2	.4	.6	.8													26	26	7	1					
/ 43	.3	4.2	2.3	2.2	.1													90	60	76	10					
/ 41	1.1	5.0	5.6	4.7	.8													161	151	59	28					
/ 39	2.6	6.1	6.3	4.7														183	190	37	51					
/ 37	1.7	7.5	8.4	3.7														189	180	157	63					
/ 35	.6	5.5	5.0	2.7														121	121	203	79					
/ 33	.1	3.7	3.5	1.0														73	74	159	11					
/ 31	.1	1.4	1.3	.2														26	26	87	101					
/ 29		.3	.1															4	4	53	104					
/ 27		.2																2	2	16	107					
/ 25																					70					
/ 23																					5					
/ 21																					32					
/ 19																					24					
/ 17																					3					
111	6.6	3.3	3.3	5.0	1.0															878	876					
																		876								

Element (X)	Σ X'	Σ X	I	σ _e	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	111917	65931	75.3	13.56	876	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	130053	34035	38.8	7.495	878		3.3					60
Wet Bulb	113682	31382	35.4	3.708	876		16.0					90
Dew Point	884625	27389	31.3	5.685	876		53.0					90

PSYCHROMETRIC SUMMARY

PAGE 1 ~~1250-2000~~
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7440	ADAK NA A.	73-82	MAY

PAGE 1 2000-0240
HOURS (L. S. T.)

[illegible]

GENERAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 4542 --- AKAK NAS AK
STATION

STATION NAME

13-82

YEARS

~~MAY~~
MORTN

PAGE 1

~~0300-0500~~
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
45				.4	.5																																	9	5	-	1
44			.1	.2	.4	1.5	.2																															41	41	3	4
41		1.5	7.2	2.1																																		99	99	63	7
37	3.5	15.4	3.5																																			205	205	118	65
37	2.6	17.9	3.8	.3																																		226	226	200	9
35	2.1	16.2	4.9	.5																																		218	218	203	101
33	.7	6.3	2.1	.2																																		45	65	205	162
31	.3	1.1	1.5																																			27	27	75	170
27	.2	.3	.1																																			5	6	32	96
27	.1	.1																																				2	2	11	34
23																																									26
23																																									18
21																																									16
17																																									6
TOT	11.167	521.0	1.1																																			518	518	918	718

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 454	ASAL VAL AK	12-51	DAY
STATION	STATION NAME	YEARS	MONTH

PAGE 1 DEFG-02-0
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
4			.1															1	1																
47			.1															1	1	1															
45	.1	1.1	1.1															1	21	5															
42	.7	4.6	2.3	.2														71	71	23	1														
41	2.5	9.2	3.7	.5														137	137	15	4														
3	2.5	16.5	7.4	.2														249	249	126	27														
37	2.5	16.5	5.1	1.1														226	226	223	101														
35	1.7	9.7	3.9	.9														149	149	216	152														
33	.3	3.2	.2	.3														43	47	144	164														
31	.4	.5	.7															15	15	42	166														
2	.1	.1	.1															3	3	2	6														
27																					45														
25																					12														
23																					17														
21																					21														
1																					915														
TOTAL	10.3	66.1	25.1	3.8															915	916	915	915													

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6426767	76143	93.2	9.256	915	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1280055	35455	38.7	2.925	915		1.1					93
Wet Bulb	1246258	33644	36.8	3.171	915		7.1					23
Dew Point	1071714	31038	33.9	4.543	915		33.8					2

LEATHER SERVICE/MAC

7-4542
STATION

STATION NAME

73-82

YEARS

— 2 Y
MONTH

PSYCHROMETRIC SUMMARY

225

~~2500-11~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
71	.1																	1	1														
74	.1																	15	15	5													
77	.5	.2																75	75	15	1												
79	2.2	3.3	.5															150	156	67	5												
81	2.6	1.1	1.1	1.3	2.3													242	262	141	5												
83	1.7	1.3	.9	2.9														243	243	7	113												
87	1.1	.6	.5	.4	.4													116	116	273	117												
88	.1	2.3	.9	.4														34	34	142	133												
91	.1	.3	.1															5	5	53	13												
93	.1	.3																4	4	16	134												
95																				5	74												
97																					9												
98																					7												
99																					4												
100	6.0	4.5	6.3	5.3	1.7	.5													917		917												
																		217		217													

Element (X)	Σ x ¹	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5823376	72748	79.4	1.241	917	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1548232	37544	41.	2.765	917		4					93
Wet Bulb	1353622	35262	38.5	2.815	917		19					93
Dew Point	1134317	31993	34.8	4.442	917		25					93

0.26.5 (OL A)

WOMAN

USAFETAC

PSYCHROMETRIC SUMMARY

4047	ADAF MAS AK
STATION	STATION NAME

7-5-

YEARS

• A Y
MONTH

PAGE 1 1200-1400
HOURS (11:55-1:00)

[illegible]

0 26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM

JOINT CLIMATOLOGY BRANCH
MET. C
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4 45 ACAN NAS AN
STATION

STATION NAME

72-52

YEARS

DAY
MONTH

PAGE 1 ~~1520-1700~~
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
53			.1															1	1																
51		.1	.2															4	4																
49		.2	.7	.3														11	11	2	1														
47		1.3	1.4	1.1	.4													41	41	5	1														
45	.3	2.6	4.5	3.4	.7													152	152	73	1														
43	.2	7.51	2.4	4.9	.4													213	213	60	21														
41	2.0	7.11	1.5	4.7	.7													258	258	161	71														
39	1.1	9.5	7.3	2.3	.1													176	176	252	82														
37	.4	5.2	1.5	.9														74	74	217	126														
35		1.6	1.0	.3														27	27	134	167														
33		.3	.3															5	7	76	175														
31		.2	.1															3	3	10	135														
29																					57														
27																					5														
25																					22														
23																					11														
21																					3														
19																					1														
TAL	4.03	.139	.217	.9	1.7														916	516	915														

Element (X)	Σ x ¹	Σ x	\bar{x}	s _n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5936135	70068	76.51	753	916	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1617051	35419	41.2	3.15	917		3					23
Wet Bulb	103766	35522	38.9	3.743	915		1.2					53
Dew Point	11289.7	31875	34.8	4.619	916		26.3					53

GLOBAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4442	ADAN TA. RM
STATION	STATION NAME

13-27

YEARS

4 A Y
MONTH

PAGE 1

1900-2000
HOURS 11.5.10

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
/ 1					.1																													1	1			
/ 4					.1																													1	1			
/ 7				.3	.3																													1	1			
/ 40			1.6	2.	1.1																													43	43	7	1	
/ 42		.3	4.5	5.1	1.7																													103	103	24	1	
/ 41	1.	11.0	11.3	2.1	.1																													242	242	116	36	
/ 7		.3	14.	11.1	1.																													244	244	152	76	
/ 37	1.3	11.8	5.4	1.3																														143	133	257	104	
/ 35	.9	4.5	2.7	.8																																		
/ 33	.1	.3	1.1																															13	13	7		
/ 31			.4																															4	4	97	133	
/ 27																																					13	75
/ 25																																					67	
/ 23																																					13	
/ 21																																					13	
/ 1																																					1	
7 L	4.7	45.	139.5	7.6	.1																													921	921	921		

Element (X)	Σ x'	Σ x	Σ	σ _a	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5.74991	72.49	70.21	2.267	921	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	14.1643	36.53	41.1	2.767	921		.4					23
Wet Bulb	1303.35	34547	37.5	2.005	921		4.7					93
Dew Point	1076993	31245	33.9	4.299	921		33.8					94

FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

YEARS

42 Y
MONTH

PAGE : ~~2100-230~~
HOURS (U.S.):

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Moon No. of Hours with Temperature					
Rel. Hum.	36742	76188	82.6	9.231	923	50 F	52 F	67 F	73 F	80 F	93 F
Dry Bulb	1370675	35479	38.4	2.737	923		1				
Wet Bulb	1214227	33441	36.4	2.568	923		7				
Dew Point	1560641	30899	33.5	0.197	923		36				

CLIMAT CLIMATOLOGY BRANCH
ALTA
A. WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4547 47 Ar 1A 1A
STATION

3-4

YEARS

1. P. Y.

PAGE 1

ALL

ALL
HOURS L. S. T.

[illegible]

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

USAF CLIMATOLOGY SPANCH
USAFETAC
AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 44 ACAN NAS AK STATION NAME 73-82 YEARS MONTH

PAGE 1 0000-0700
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
57			.1															1													1	1			
56			.1															1													1	1			
55			.3															7													7	7		1	
54			.7	.1			.1											6													6	6		3	
53		.2																12													12	22	13	11	
52		.1	.2				.1											2													2	22	23	13	
51		.7	9.6	2.2														112													112	112	73	57	
50	2.5	1.2	2.5	6.2	.2													260													260	260	130	86	
49	2.5	1.7	6	7.7														291													291	291	246	128	
48	1.5	1.1	.4	2.5														137													137	137	236	124	
47	1.7	.4																14													14	94	165	109	
46	.2	.1	.2															17													17	13	35	159	
45		.5																8													8	4	14	83	
44		.1																1													1	1	3	46	
43																																		1	7
42																																			1
41																																			
TOT		.8	.7	.1	.2	.2												893													893	893	693	893	

Element (X)	Σ X'	Σ X	N	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	606338	77662	87	7.843	893	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	101439	37075	42.4	3.776	897		1					90
Wet Bulb	1423529	36411	40.8	3.774	897		4					90
Dew Point	1354443	36027	38.8	3.925	893		4					89

Element (X)	ΣX	ΣX^2	ΣX^3	ΣX^4	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6206338	77662	87	7.903	893	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	101439	37275	42.4	3.076	893		1					2
Wet Bulb	1423529	16411	40.8	1.74	893		4					9
Dew Point	145443	34227	38.8	3.925	893		2.4					22

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMAT CLIMATOLOGY PRANCH
METAC
A BATHER SE VIOLE/AC

PSYCHROMETRIC SUMMARY

7 4 42	ADAK N. AK
STATION	STATION NAME

73-52

YEARS

— 10 —

MONTH:

PAGE 1 0000-0000
HOURS (L. S. T.)

HOURS 11. 5. 2.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
5 / 65	.1	.1																2	2	1	1				
6 / 63		.2					.1											3	3	1	1				
7 / 61		.4																10	10	3	3				
8 / 60		1.0																17	17	13	5				
9 / 47		2.0	.5															21	41	12	12				
10 / 45	.8	7.2	1.7															24	84	53	27				
147 / 42	3.1	16.3	4.1	.2														275	225	109	9				
1 / 41	3.2	20.4	8.9	.1														287	187	230	126				
1 / 39	7.5	12.8	.2															154	155	222	155				
1 / 27	1.1	5.2																15	65	152	151				
1 / 35	.5	.9																12	12	43	174				
2 / 33	.2	.7																7	9	11	66				
17 / 31		.2																7	7	7	7				
1 / 2	.1																	1	1	2	6				
1 / 27																					2				
TOTAL	11.47	817.1	.3	.2	.1														180		681				
																		881		581					

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6.129.2	77169	87.6	7.909	881	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1574557	37169	42.1	3.549	882		2					99
Wet Bulb	1456701	35745	40.0	3.792	881		4					92
Dew Point	1331420	34084	38.7	3.811	861		2.9					90

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

0-26-5 (OL A)

JSAFETAC

JOINT CLIMATEOLOGY BRANCH
MELTAC
FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 4241 ADAM GAL AK STATION NAME 73-8 YEARS MONTH

PAGE 1 ~~SECRET~~

[illegible]

FEDERAL CLIMATOLOGY BRANCH
MILTAC
HEALTH & SERVICE / AC

PSYCHROMETRIC SUMMARY

444 ADAM NAL AK 13-77 001
STATION STATION NAME YEARS MONTH
PAGE 1 0900-1100
HOURS (U.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
59				.1														1	1																	
57			.6	.1			.1											7	7	1	1															
55			.5	.1	.2	.5	.1											11	11	7	1															
53			.9	.3		.2												13	14	6	5															
51			1.6	1.0	.2	.2												34	34	9	7															
49		.1	2.2	2.7	1.6	.3												75	55	23	11															
47		.6	7.8	5.3	2.6	.2												146	149	46	31															
45		.9	15.5	12.2	1.9													268	268	129	66															
43		.9	12.3	9.6	.1													201	201	241	124															
41		.6	7.6	4.1	.2													109	109	243	134															
39		.2	2.3	.3														25	26	135	177															
37		.8																7	7	35	155															
35																					109															
33																					47															
31																					9															
29																					7															
TOTAL	3.35	1.35	.9	7.3	1.6	.1	.1											579	587	879	879															

Element (X)	Σ x²	Σ x	Σ	Σ²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5996271	7249	82.3	10.160	879	≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1536053	40137	45.5	3.294	862							Σ
Wet Bulb	1635061	3721	43.0	3.136	879							Σ
Dew Point	1434355	35323	40.2	4.117	879		1.1					9

AL AL CLIMATOLOGY BRANCH
METAC
A EATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

14542 A AK NAS AC

73-82

YEARS

MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

ADAK VAC AX

3-57

YEARS

458 MONTH

CASE 1

1900-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
57 65			.1															1	1													
57 6		.1		.1														2	2	1	1											
57 61						.1	.1											2	2	1	1											
57 59		.2	.1	.1		.1												3	3	1	1											
57 57			.1	.1			.2											4	4	2	2											
57 55		.9	.4	.2		.1												16	16	1	1											
57 53		1.6	1.1	1.1	.2													35	35	13	4											
57 51	.1	1.7	1.6	2.0	.6													53	53	26	14											
57 49	.1	4.4	5.1	3.3	.7													127	127	73	25											
57 47	.1	7.1	9.2	5.3	.7													198	199	74	33											
57 45	.7	12.4	11.2	7.2	.1													249	244	171	66											
57 43	.5	8.4	5.6	1.2														102	123	242	115											
57 41	.5	4.7	2.4															67	67	193	137											
57 39		1.4																12	12	127	177											
57 37		.3																3	4	19	124											
57 35	.1																	1	1	1	109											
57 33																					4											
57 31																					20											
57 29																					2											
57 27																					1											
57 25	.6	4.1	4.3	7.1	16.6	2.2	.3	.3											887		985											
57 23																		685		885												

Element (X)	Σ x'	Σ x	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5557413	69422	76.4	11.243	885	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1034253	41513	46.9	3.681	887							93
Wet Bulb	1715471	38845	43.9	7.440	885							92
Dew Point	1459812	35716	40.4	4.565	885		2.3					92

PSYCHROMETRIC SUMMARY

442 ALAN NA AK STATION STATION NAME

YEARS

1954
MONTH

PAGE 1 ~~1-22-20-1~~
HOURS (L. S. T.)

[illegible]

1. J. J. CLIMATOLOGY BRANCH
2. METAC
3. WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 4444 STATION NAME AAAK NAL AK 73-82 YEARS 20 MONTH 08

PAGE 1 2106-2700
HOURS 08 00 00

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 1 ALL
HOURS 11, 5, 7, 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
5 / 65			.1															1	1															
4 / 63		.1		.1														3	3	1														
3 / 61		.1		.1		.1	.1											7	7	2	2													
2 / 59		.1	.1	.1		.1	.1											14	14	4	4													
1 / 57	.1	.1	.1	.1	.	.1	.1											24	24	7	4													
5 / 55	.1	.1	.2	.1		.1	.1											53	53	17	6													
4 / 53		.7	.4	.2	.1	.1	.1											105	105	45	25													
3 / 51	.1	1.3	.8	.6	.3	.1	.1											214	214	85	56													
2 / 49	.1	2.5	2.1	1.3	.3	.1	.1											459	459	167	115													
1 / 47	.1	5.3	3.8	2.1	.2													812	813	331	184													
4 / 45	.9	11.4	7.3	1.4	.													1496	1485	860	797													
3 / 43	1.7	14.2	7.5	.5														1739	1740	1515	866													
2 / 41	1.5	11.6	5.8	.1														1348	1348	1540	1094													
1 / 39	1.0	8.1	1.2	.1														587	589	1395	1134													
3 / 37	.5	2.1																197	198	558	1209													
2 / 35	.1	.4																41	41	14	107													
1 / 33	.1	.2																15	19	72	514													
3 / 31	.1	.1																3	7	5	146													
2 / 29	.1																	1	1	3	29													
1 / 27																					7													
TTL	.257	129.0	6.5	.9	.2	.1	.												711		7104													
																		71	4		7104													

Element (X)	Z _K ¹	Z _K	X	C _K	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5.174083	5927.5	43.415	.125	7114	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	14191325	315979	44.4	3.735	7111		4					7
Wet Bulb	12744627	259946	42.2	3.426	7104							7
Dew Point	112625.5	281311	39.6	4.164	7104		13.4					7

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
4, 10	A- AK NA - A	7-07	JUL

PAGE 1 100-2703
HOURS 11. 5. 7.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
7 50			.1															1	1					
7 57			.4															5	5					
7 55			.7															9	9					
47 53	.1	2.		.9														27	27	12				
7 51	.1	4.	7	1.7	.3													59	59	25	1			
7 4	1.7	2.		1.8	.2													17	17	71	44			
7 47	1.	16.	2	2.1	.4													101	132	136	51			
7 45	3.8	22.	4	5.5	.2													204	294	224	164			
47 4	1.9	13.	3	2.7														167	167	289	184			
7 41																		53	53	147	154			
7 3			.2	.3														7	7	35	147			
7 27	.1	.3																4	4	3	57			
7 25		.2																2	2	4	14			
7 32																					1			
7 31																								
T.L.	.27	4.3	15.1	1.2														921	922	91	921			

Element (X)	Σ x ¹	Σ x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	7150157	31149	68.1	7.82	921	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2100654	42048	46.5	3.192	922							93
Wet Bulb	152346	41312	44.7	3.175	921							93
Dew Point	1726675	39767	43.1	3.768	921		≥ 5					93

2

AL CLIMATELOGY BRANCH
AFETAC
FATHER SERVICE ZMAC

PSYCHROMETRIC SUMMARY

449 ADAM SALAK STATION NAME

3-82

YEARS

JUL
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
7 57		.1	.2																															3	7	2	2
5 55			1.3	.3																														19	19	5	7
4 51			1.1	.2																														12	17	12	7
3 47			.5	3.3	.3																													47	47	20	15
2 44			1.7	2.1	1.4	.3																												116	116	55	41
1 42			1.5	1.5	1.5	.2																												176	177	131	72
0 40			3.5	1.5	4.8	.1																												200	260	219	159
4 40			1.5	1.2	2.8																													199	189	234	169
3 41			1.1	1.3	1.1																													77	77	144	108
2 37			.2	.9	.4																													14	14	63	122
1 37				.2	.2																													4	4	13	55
0 33				.2																														2	2	5	49
3 33			.1																															1	1	3	11
2 31																																					2
1 28			1.1	1.7	4.8	1.3	.9	.7																											701		5.2
																																			970		970

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	72831.9	8151.7	88.7	6.943	920	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1273.67	42519	46.2	3.318	920							53
Wet Bulb	1445.48	41778	44.7	3.365	920							53
Dew Point	17167.3	39573	43.0	3.473	920							53

Element (X)	Z _R	Z _X	X	X _R	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	22831.2	8151.7	88.7	6.943	220	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1273.67	42519	46.7	3.318	221							83
Wet Bulb	1445.2	41278	48.7	3.365	220							83
Dew Point	17167.3	39573	43.4	3.473	220							83

USAFETAC FORM 0-26-5 (OL A) 1-64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JETPAC
 JETPAC
 JETPAC

PSYCHROMETRIC SUMMARY

4540 ADAM, NA: AN

23-25

221

STATION

STATION NAME

YEARS

MONTH

PAGE 1

7500-0840

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
1 / 50																		2	5						
2 / 57			.4	.1														5	5	2	1				
3 / 55	.1	.9	.9															17	17	9	1				
4 / 53	.7	1.5	.9	.1	.1													70	30	22	14				
5 / 51	.3	4.3	2.7	.2														70	75	29	1				
6 / 47	1.2	10.3	2.7	.4														135	135	75	53				
7 / 47	1.5	16.5	1.5	.6														203	203	153	76				
8 / 45	3.5	20.6	4.8	.2														266	266	236	155				
9 / 43	1.3	11.7	2.0															143	143	244	213				
10 / 41	.4	7.0	1.0															41	41	114	175				
11 / 37	.1	.7	.2															9	9	34	113				
12 / 37																				7	41				
13 / 35																					24				
14 / 33																					5				
15 T L	.66	.9	1.9	1.5	.1															923	923				
																					923				

CLIMATOLGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.4542 ALA AL AL STATION STATION NAME

73-62

YEARS

MONTH

PAGE 1

~~2900-110~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	Dry Bulb	Wet Bulb	Dew Point
47 53				.1		.1																											2	2		
47 51				.1	.2																												3	1		
47 50				.4	.4																												8	4	1	
47 57				.3	.7					.9	.1																						14	14	4	
47 55	.3	1.7	1.2	1.1	.5				.1																								47	47	15	
47 52	.2	3.4	5.1	.8	.1	.1																											89	89	26	
47 51	.8	6.2	7.7	1.3	.1																													148	148	75
47 43	.5	10.8	8.3	2.2	.3																													201	201	121
47 47	.7	11.5	5.2	1.2																														278	256	221
47 45	1.2	12.1	3.0	.1																														150	150	227
47 43	.9	3.7	.5																															47	48	173
47 41	.1	.1	.1																															3	3	84
47 37																																				5
47 35																																				
47 33																																				
47 31																																				
TOTAL	4.7	54.3	32.6	6.5	1.1	.5	.2																										920	920	500	

Element (X)	ΣX^1	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6497687	768.3	43.5	9.677	920	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2257920	454.7	49.4	3.484	920							93
Wet Bulb	334199	431.9	47.0	3.261	920							23
Dew Point	1334689	41.909	48.5	4.122	920							3

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

MEM
IN AN

USAFETAC

METEOROLOGICAL CLIMATOLOGY BRANCH
 METAC
 AIRCRAFT SERVICE/MAC

PSYCHROMETRIC SUMMARY

4340	ADAK VA. AK	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 120-1422
HOURS (L. S. T.)

[illegible]

GENERAL CLIMATOLOGY BRANCH
METAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-4-42 ADAM WAS AK

STATION NAME

73-82

YEARS

MONTH

DATE 1 1900-1780
HOURS 11.5.10

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
61 / 65			.2	.3														5	5					
62 / 63			.2	.2	.1													5	5					
63 / 61			.2	.2														5	5	2				
64 / 59		.1	.3	.3	.1	.1	.2	.1										12	12	7	1			
65 / 57	.1	.5	.5	1.4		.2												28	28	8	3			
66 / 55	.1	2.5	3.1	3.3	1.1	.2	.1											55	95	15	14			
67 / 53	.4	3.7	7.0	3.7	.4													140	140	44	24			
68 / 51	.3	4.2	10.1	3.5	.3													173	173	85	34			
69 / 49	.1	8.5	11.1	2.9	.2													209	209	159	67			
70 / 47	.2	11.1	4.9	1.2														151	152	247	108			
71 / 45	.5	5.9	1.5	.2														75	77	227	200			
72 / 43	.3	.9	.8															18	18	94	160			
73 / 41	.2																	2	2	24	154			
74 / 39																				2	70			
75 / 37																					45			
76 / 35																					11			
77 / 33																					3			
78 / 31																					2			
Tot	2.4	36.5	40.3	17.5	2.3	.5	.1	.1												913	916	916		

Element (X)	Σ x ²	Σ x	Σ	σ _n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	33343	73703	79.510	730	913	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	24621.4	46720	50.9	3.743	913							93
Wet Bulb	21451.46	43262	47.8	3.322	913							93
Dew Point	13452.06	40978	48.6	3.179	913							93

2

OFFICIAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

STATION 444 ADAM NAS AR STATION NAME 73-67 YEARS MONTH

PAGE 1 1977-1977
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
67				.1													1	1		
66			.1	.3	.1												5	5		
65			.3	.3	.1												7	7	5	
64			.2	.3													5	5	5	2
63		.4	1.1	.4	.2												29	29	17	6
62	.1	2.9	3.1	1.1	.4	.1											71	71	26	13
61	.4	4.7	7.6	1.6	.1	.1											134	134	47	35
60	.4	10.1	9.7	2.4	.1												213	213	112	54
59	1.1	15.6	6.4	2.1													231	231	213	69
58	.2	12.7	5.2														172	172	259	175
57	.4	3.6	.5														45	45	195	191
56	.4	.4															6	6	51	163
55																			7	114
54																				40
53																				13
52																				1
51																				1
50																				2
49																				921
48																				921
47																				921
46																				
45																				
44																				
43																				
42																				
41																				
40																				
39																				
38																				
37																				
36																				
35																				
34																				
33																				
32																				
31																				
30																				
29																				
28																				
27																				
26																				
25																				
24																				
23																				
22																				
21																				
20																				
19																				
18																				
17																				
16																				
15																				
14																				
13																				
12																				
11																				
10																				
9																				
8																				
7																				
6																				
5																				
4																				
3																				
2																				
1																				
0																				
Sum																				
Mean																				
Std. Dev.																				
Max																				
Min																				
Range																				
Element (X)	Σ x'	Σ x	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ
Rel. Hum.	64297.4	76480	83.0	9.254	921	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total								
Dry Bulb	2214923	4563	48.9	7.308	921								93							
Wet Bulb	1596889	42789	46.5	3.118	921								93							
Dew Point	1788569	40424	43.9	2.942	921								93							

USAFETAC FORM 026-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

14542 ADAX NAS AK STATION STATION NAME

73-82

YEARS

MONTE

PAGE 1 ~~2130-2130~~
~~WORKSHEET~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 / 51				.1															1	1			
2 / 52			.1																1	1	1		
3 / 57			.4	.3															7	7	2	1	
5 / 55		1.2	.1																12	12	6	6	
4 / 53		2.3	1.3	.1															34	34	12	7	
2 / 51	.3	4.7	1.6	.1	.2	.1													65	65	39	26	
6 / 47	.8	10.0	3.3	.5	.1														135	135	71	49	
8 / 47	1.3	16.7	6.0	.8															227	227	146	82	
4 / 45	2.3	20.0	5.9																263	264	227	155	
4 / 42	.9	11.9	2.7																142	142	254	171	
2 / 41	.2	2.5	.1																26	26	135	712	
2 / 37	.5																		5	5	20	128	
1 / 35																					5	59	
3 / 33																						14	
1 / 29																						2	
TOTAL	6.37	521.2	1.5	.3	.1														518		919	913	

2

7 4545	ADAM NAC AK	13-82	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 ALL
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

CLIMATOLGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

L-4542 42AK GAS AK 73-62 AIG
 STATION STATION NAME YEARS MONTH

PAGE 1 ~~7000-3202~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 / 61				.3																														3	3		
1 / 59				.2	.1																													3	3		
1 / 57				.4	.1																													5	5	3	4
5 / 55		.7	.5	.5																														16	16	13	6
4 / 53		.2	4.7	.9	.2																													55	55	15	10
1 / 51		.11	.3	4.1	.2																													136	136	56	19
1 / 49		.82	3.9	5.1	.3																													277	277	132	44
1 / 47	1.32	3.1	1.6	.2																														241	241	310	151
1 / 45	1.21	2.8	.8																															136	136	261	276
4 / 43	.1	3.3	.2																															31	32	87	233
5 / 41	.2	.4	.4																															10	10	19	65
10 / 39		.4	.2																															6	6	7	49
1 / 37																																					9
1 / 35																																					7
1 / 33																																					4
1 / 31	9.6	6.3	3.1	4.1	1.0																														263		942
																																			919		919

Element: 1

Rel. Hum. 1.83

Dry Bulb 21.97

Wet Bulb 2.47

Dew Point 1.18

Σx' 11.02

Σx 44.36

Σ 48.6

Σ² 2.914

Σ² 2.622

Σ² 2.1437

No. Obs. 619

Σ 620

Σ 919

Σ 910

Mean No. of Hours with Temperature

≤ 0 F ≤ 32 F ≤ 47 F ≤ 73 F ≤ 80 F ≤ 93 F Total

GENERAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

7 454	ADAM VAC AK	73-82	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 1 7300-DE-00
HOURS 11.5.71

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
1 / 41		.1	.1															2	2						
1 / 49		.3																3	3	1					
1 / 57		.2	.1															3	3	4					
5 / 55	.2	1.4	.8	.2	.1													25	25	4	5				
1 / 53	.1	3.4	1.6	.1														46	46	15					
1 / 51	.2	1.4	2.6	.2														123	124	56	26				
1 / 4	.3	2.6	5.1	.2														266	269	149	61				
1 / 47	.7	2.5	2.9															248	248	280	151				
4 / 45	.2	1.4	.9															139	139	271	277				
4 / 42	.3	3.4	.1															35	35	105	214				
1 / 41	.3	.9	.1															12	12	.2	92				
1 / 3		.9	.1															9	9	5	57				
2 / 27		.1																1	1	7	9				
1 / 35																				1	5				
5 / 23																					4				
1 / L	2.48	2.21	4.5	.2	.1														717		916				
																		916		916					

—

GLOBAL CLIMATOLOGY BRANCH
HAFETAC
A. FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

440 ACAR VAS AR
STATION STATION NAME

73-82

YEARS

ALL
MONTH

PAGE 1 7800-CALD
HOURS (11, 5, 7)

[illegible]0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

AL CLIMATOLOGY BRANCH
ETAC
EARTH & SERVICE/MAC

PSYCHROMETRIC SUMMARY

440 MAY 11 AM 2H
STATION

73-42

YEARS

222
MONTH

2457

7900-11-0
HOURS 11. 5. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																				
/ 74						.1	.1											2	2																						
/ 85				.1														1	1																						
/ 81			.1	.2	.1													4	4																						
/ 77		.1	.3		.1													5	5																						
/ 57		1.5	1.1	.8	.7													34	34																						
/ 51	.1	3.6	2.6	1.2	.													79	79	71	14																				
/ 53	.3	7.8	6.5	1.4	.1													182	182	61	79																				
/ 51	.115	513.2	.1															272	272	136	59																				
/ 46		17.1	6.3	.1														216	216	250	119																				
/ 47	.7	11.5	2.7															186	186	299	221																				
/ 48	.1	2.8																27	27	119	250																				
/ 43	.1	.1																2	2	15	154																				
/ 41																																									
/ 7																																									
TAL	1.168	432.5	4.5	1.4	.1													920	920	920	920																				

U.S. AIR FORCE
CLIMATE BRANCH
CLIMATE
CLIMATE SERVICE/NAO

PSYCHROMETRIC SUMMARY

7 4540	ADAK NAS AK
STATION	STATION NAME

73-82

YEARS

MONTH

2455 1

1225-14
MOORE, J. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

1-25-17-1
HOURS (L, S, T,)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
67									.1									1	1			
67					.1													1	1			
65			.1	.1			.1	.1										4	4			
65		.1																1	1			
61		.4	.2															5	5	4		
60		.9	.5	.1	.2													16	16	5		
57		1.2	2.2	.9	.7													45	45	11		
55	.1	2.4	3.2	2.9	.5													121	121	25	9	
53		8.7	10.2	3.9	.5													215	215	15	7	
51	.2	12.6	13.6	1.7														255	255	178	72	
49	.1	17.7	6.2															175	175	274	147	
47	.1	7.3	.9															75	75	273	225	
45		.5																5	5	3	224	
43																				3	124	
41																					51	
39																					18	
37	.5	4.8	.1	9.3			.1	.1	.1										222		921	
																		921		921		

Element (X)	Σx'	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	33669	75751	82.2	8.738	921	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	24147	46326	52.4	3.337	922			.2				93
Wet Bulb	2271577	45513	49.6	2.583	921							93
Dew Point	2349956	43344	47.1	3.306	921							93

CLIMATE CLIMATOLOGY BRANCH
METAC
A - WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-4-95	ADAK NASAK	75-82	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 1 ~~1800-2000~~
~~0000000000~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
67 65							.1											1	1																	
67 63		.1																1	1																	
67 61			.3			.2												5	5	1																
67 59		.1																1	1	2	1															
67 57		.3	.1		.2													8	9	4	3															
67 55	.2	1.3	1.3	.4	.2													42	42	18	9															
67 53	.2	7.7	5.1	.3														123	123	32	15															
67 51	.3	13.3	11.3	1.4														244	244	99	46															
67 49	.4	17.2	9.1	.5														273	273	279	106															
67 47	.5	15.7	2.7	.2														177	178	352	192															
67 45	.3	.1																50	50	185	276															
67 43	.1																	1	1	27	188															
67 41																				1	63															
67 39																					21															
67 37																					4															
TOTAL	1.76	1.83	0.6	3.1	.4	.2	.1													227		926														
																						926														

Element (X)	Σ x ²	Σ x	\bar{x}	s _a	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6763600	78934	85.2	7.506	926	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2367720	46783	57.5	2.695	927							93
Wet Bulb	2155757	44551	48.2	2.467	926							53
Dew Point	1482998	42756	46.2	3.290	926							4

30. AL CLIMATOLOGY BRANCH
 31. STAC
 32. LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

443 STATION ADAP 4A BK STATION NAME

73-67

YEARS

45
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

U. S. NATIONAL CLIMATOLOGY BRANCH
METAC
U. S. WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-4-40	ADAK NAS AK	73-80	3
STATION	STATION NAME	YEARS	MONTH

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
71																																		4	4				
69																																		2	2				
67																																		3	3				
65																																		5	5				
63																																		8	8				
61																																		25	19				
59																																		51	51	17			
57																																		160	160	50	50		
55																																		469	460	141	81		
53																																		920	910	296	146		
51																																		1592	1583	862	402		
49																																		1877	1878	1577	957		
47																																		1498	1491	2345	1407		
45																																		555	555	1544	2068		
43																																		117	119	407	1443		
41																																		31	31	68	523		
39																																		17	17	19	163		
37																																		2	2	15	36		
35																																				2	16		
33																																					11		
TOTAL																																					7353	7357	7353

Element (X)	Σ x ²	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4667365	631401	85.2	7.720	7353	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	16714533	371249	57.3	3.326	7357				9			744
Wet Bulb	17120167	354153	48.2	2.217	7353							744
Dew Point	15791316	339962	46.2	3.276	7353							744

PSYCHROMETRIC SUMMARY

7434	ADAM VAS BK
STATION	STATION NAME

13-02

YEARS

SEP
MONTH

PAGE 1 0000-0203
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
57			.2															2	2					
55			.3	.4														7	7	2				
53		.3	1.3	.0														22	22	5	7			
51		.4	1.7	2.6	.6													47	47	23	13			
49		.2	1.4	5.1	.6													127	127	32	24			
47		.9	4.4	5.2	.3													135	135	121	37			
45		.2	5.5	7.8	1.7													269	269	236	145			
43		.2	7.3	5.7	1.9													135	135	193	180			
41		.2	3.0	2.5	.1													52	52	118	156			
39		.2	1.6	.4	.3													23	23	98	155			
37			.7	.2														9	9	33	74			
35			.8	.4														11	11	2	50			
33				.1														1	1	1	47			
31																					24			
29																					11			
27																					2			
25																					5			
101		0.16	.33	1.3	5.5														889		889			
																			889		889			

Element (X)	Σ x²	Σ x	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	6254666	79208	83.5	8.895	889							
Dry Bulb	1939485	41113	46.2	3.423	892							90
Wet Bulb	1731196	39096	44.0	3.553	889		.5					90
Dew Point	1544011	36803	41.4	4.797	889		4.4					90

FEDERAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4547	ADAK NAS AK
STATION	STATION NAME

72-82

YEARS

SEP
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4540 ADAM NAS AK
STATION STATION NAME

73-87

YEARS

SEP
MONTH

PAGE 1 0600-0600
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
/ 57			.1															1	1						
/ 55		.2	.3	.1														11	11	1					
/ 53	.1	1.0	.6	.3														18	18	9	2				
/ 51	.7	3.5	3.1	.2														67	67	36	22				
/ 49	.1	7.3	4.7	1.1														115	112	47	25				
/ 47	1.0	14.8	5.6	1.3														203	203	119	56				
/ 45	.8	16.4	7.3	1.3	.1													249	249	241	135				
/ 43	.7	7.6	5.5	.9														131	131	173	107				
/ 41	.2	2.8	2.1	.3														49	49	136	146				
/ 39	.1	1.3	.6															12	15	81	116				
/ 37	.3	1.3	.2															17	17	33	69				
/ 35		.7	.1															7	7	10	45				
/ 33			.2															2	2	7	27				
/ 31																					31				
/ 29																				1	5				
/ 27																					3				
/ 25																					7				
1-L	4.5	.6	3.5	5.7	.1														891	891	891				
</																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 4540 ADAR NAS AK STATION NAME 73-82 YEARS SEP MONTH

PAGE 1 7900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL						
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
47 62					.1																												1	1					
47 61					.1																												2	2					
47 59				.2																													2	2					
47 57			.1	.2																													6	6					
47 55	.1	.9	.7	1.																													24	24	6	5			
47 53	.3	1.4	5.0	2.2	.1																												79	73	18	10			
47 51	.7	4.4	9.5	1.9	.1																												145	145	30	19			
47 49	.5	1.8	8.0	4.3	1.1																												235	235	123	33			
47 47	.2	1.1	7.2	3.3	.5																												232	232	215	100			
47 45	.1	.6	2.5	1.1	.2																												112	112	244	159			
47 43	.1	1.3	2.3	.6																													42	42	132	106			
47 41		.3																															3	3	24	135			
47 39																																			1	25	95		
47 37																																				3	76		
47 35																																					35		
3 47 33																																					15		
47 31																																					14		
47 29																																					1		
47 27																																					1		
TOTAL	1.741	2.41	2.41	1.14	2.1																													893	284	683			
Element (X)	Σ x ²			Σ x			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ			Σ		
Rel. Hum.	567306.0			70266			79.6			9.363			883			± 0 F			± 32 F			± 67 F			± 73 F			± 80 F			± 93 F			Total					
Dry Bulb	2141221			43427			49.1			2.982			284																					52					
Wet Bulb	1.88932			45750			46.1			3.275			883																					52					
Dew Point	1545729			37925			43.3			4.370			583			1.6																		40					

USAFETAC FORM 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-454	ADAM WAJ AK	73-80	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1220-1420
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
62		.1	.1															2	2			
61																				1		
59		.1	.2															3	3	1	1	
57	.1	.1	.2	.5	.7													14	14	3	1	
55	.2	1.1	1.6	2.7	.7	.1												57	57	6	7	
53	.2	1.1	6.8	4.8	1.2													126	126	17	11	
51	1.1	3.9	12.3	5.7	.7	.2												212	213	46	20	
49	.1	7.3	8.0	7.3	1.5													215	215	165	33	
47	.2	8.6	5.9	4.2	.7													173	173	251	12	
45	.2	2.9	2.9	1.2														65	65	182	168	
43		.8	1.2															18	18	134	156	
41		.2																2	2	73	130	
39																				8	97	
37																					66	
35																					43	
33																					20	
31																					17	
TAL	2.126	4.39	226.5	5.4	.3															88	867	
																		397		697		
																					</	

PSYCHROMETRIC SUMMARY

73-52

YEARS

MONTH

PAGE 1 ~~1.00-17.0~~
HOURS 11.3.1

[illegible]0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GENERAL CLIMATOLOGY BRANCH
METAC
AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4 43	ADAM NA. AK
STATION	STATION NAME

73-57

YEARS

MONTH

PAGE 1 1620-2000
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS KJAM ARE OBSOLETE

0-26-S (OL A)

Q. Now, you're not going to tell me what the defendant did, are you?

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
AFGLTAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-4-42	ADAK NAS AK	73-82	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 2133-2340
HOURS (11 - 5 - 1)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
1 / 57			.3	.1														4	4				
5 / 55			.2	.1														3	3	3			
11 / 53		.3	1.2	1.2														25	25	4	10		
1 / 51		.1	2.5	3.3	.7													56	58	14			
1 / 49		.6	7.6	6.3	.6													134	134	49	3		
1 / 47		.6	13.7	7.7	1.6													233	233	138	39		
4 / 45		.3	15.5	8.1	2.6													236	236	209	126		
4 / 43		.1	2.7	5.3	1.2													141	141	126	171		
2 / 41			7.5	2.6	.4													50	50	144	154		
2 / 39		.2	1.1	1.5	.1													26	27	65	123		
1 / 37			.9	.2														17	10	37	64		
1 / 35			.1	.1														2	2	14	63		
3 / 33																				2	48		
2 / 31																				1	26		
1 / 29																					7		
1 / 27																					2		
1 / 25																					1		
1 / 23																							
1 / 21																							
1 / 19																							
1 / 17																							
1 / 15																							
1 / 13																							
1 / 11																							
1 / 9																							
1 / 7																							
1 / 5																							
1 / 3																							
1 / 1																							
1 / 0																							
1 / -1																							
1 / -3																							
1 / -5																							
1 / -7																							
1 / -9																							
1 / -11																							
1 / -13																							
1 / -15																							
1 / -17																							
1 / -19																							
1 / -21																							
1 / -23																							
1 / -25																							
1 / -27																							
1 / -29																							
1 / -31																							
1 / -33																							
1 / -35																							
1 / -37																							
1 / -39																							
1 / -41																							
1 / -43																							
1 / -45																							
1 / -47																							
1 / -49																							
1 / -51																							
1 / -53																							
1 / -55																							
1 / -57																							
1 / -59																							
1 / -61																							
1 / -63																							
1 / -65																							
1 / -67																							
1 / -69																							
1 / -71																							
1 / -73																							
1 / -75																							
1 / -77																							
1 / -79																							
1 / -81																							
1 / -83																							
1 / -85																							
1 / -87																							
1 / -89																							
1 / -91																							
1 / -93																							
1 / -95																							
1 / -97																							
1 / -99																							
1 / -101																							
1 / -103																							
1 / -105																							
1 / -107																							
1 / -109																							
1 / -111																							
1 / -113																							
1 / -115																							
1 / -117																							
1 / -119																							
1 / -121																							
1 / -123																							
1 / -125																							
1 / -127																							
1 / -129																							
1 / -131																							
1 / -133																							
1 / -135																							
1 / -137																							
1 / -139																							
1 / -141																							
1 / -143																							
1 / -145																							
1 / -147																							
1 / -149																							
1 / -151																							
1 / -153																							
1 / -155																							
1 / -157																							
1 / -159																							
1 / -161																							
1 / -163																							
1 / -165																							
1 / -167																							
1 / -169																							
1 / -171																							
1 / -173																							
1 / -175																							
1 / -177																							
1 / -179																							
1 / -181																							

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

FROM

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

7 4647 ADAM VAS AK

73-27

532

STATION

STATION NAME

YEARS

MONTH

245 1

211

HOURS 11. 5. 7. 8

[illegible]

CENTRAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
U-4	AKAK NAG AK

77-57

YEARS

MONTH

243

NOV 5 1957

[illegible]

PSYCHROMETRIC SUMMARY

4-7	2. AB	4	21	73-87	1973	1973
STATION	STATION NAME			YEARS		MONTH
						2370-76
						HOURS 11.5

[illegible]

U.S. NAVAL CLIMATOLOGY BRANCH
PETAO
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1442 42AF 162 AK
STATION STATION NAME

73-62

YEARS

651
MONTH

PAGE 1

~~0600-0800~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	Dry Bulb	Wet Bulb	Dew Point
47 5				.1	.1																												2	2		
47 51				1.2	1.2																											14	14	3		
47 4			.3	1.2	1.2	.1																										27	27	17	17	
47 47		.1	2.4	1.3	.7																											41	41	15	15	
47 4		.3	5.2	.1	.6																											115	115	50	19	
47 42		.7	8.7	7.2	2.0																											171	171	23	43	
47 41		.1	6.9	9.	2.6																											171	171	139	53	
47 3		.2	7.3	7.7	1.7	.1																										154	154	142	89	
47 37		.4	7.0	3.2	.4																											191	192	172	122	
47 35		.7	4.3	1.5	.2																											68	68	148	122	
47 33		.5	2.6	.7																												35	35	95	128	
47 31		.1	1.5	.2																												17	17	35	134	
47 3		.1	.2																													3	3	17	71	
47 27																																			2	57
47 25																																				16
47 23																																				9
47 21																																				3
TAL	2.14	9.37	7.8	6.	.1																												915	916	915	

Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5.32844	73242	79.8	9.67	918	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1555631	37979	41.7	4.187	919		2.					21
Wet Bulb	14.3292	35640	39.8	4.257	918		5.5					21
Dew Point	1177328	32510	35.4	5.327	915		29.4					23

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

USAFETAC FORM

PSYCHROMETRIC SUMMARY

440 200K VAS BK
STATION

13-82

OCT
MONTH

PAGE 1 0920-11.0
HOURS 11.5 7.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point										
5 / 58			.1															1	1												
4 / 52		.1	.4															5	5												
3 / 51	.1	1.5	.5	.2														2	2	4	1										
2 / 4	.3	2.1	3.	1.2	.1													2	2	2	13										
1 / 47	.5	4.1	4.5	3.2	.7													113	113	77	1										
4 / 45	.7	5.3	7.8	4.7														179	179	83	2										
4 / 43	.3	6.2	9.5	4.2	.1													187	187	125	57										
2 / 41	.1	6.5	9.5	4.0														177	177	174	75										
1 / 39	.4	4.2	4.5	1.4														111	101	273	129										
1 / 37	.3	2.5	1.5	.2														42	42	154	144										
1 / 35	.1	1.4	.5															19	19	70	124										
3 / 33		.7	.2															5	5	75	123										
2 / 31	.1	.2																3	3	11	88										
1 / 2	.1																	1	1	4	56										
1 / 1																					41										
1 / 25																					13										
1 / 23																					3										
2 / 21																					1										
TOTAL	2.03	6.04	1.51	.1	.4													920	920	920	920										

Element (X)	ΣX^1	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5595957	70401	76.6	10.761	920	$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	
Dry Bulb	1768235	40193	43.7	3.758	920		.4					93
Wet Bulb	1531348	37354	40.6	3.867	920		1.4					93
Dew Point	1259133	33695	36.6	5.221	920		20.4					93

PSYCHROMETRIC SUMMARY

7 4240 ADAM NAS AK
STATION STATION NAME

73-52

YEARS

—
MONTA

PAGE 1 ~~1250-142~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
1 / 57		.1	.1															2	2													
5 / 56		.2	.2															4	4	1												
4 / 57		.4	.7	.4														14	14	3	1											
1 / 51		.9	2.3	.3	.3	.3												52	42	5	3											
1 / 47	.7	1.7	3.3	4.4	.3													93	93	24	14											
1 / 47	.3	3.3	8.7	6.3	1.2	.1												165	169	51	23											
4 / 45	.7	4.1	7.5	5.5	1.2													172	172	95	32											
4 / 42	.1	5.3	12.0	6.3	.3													226	225	153	45											
1 / 41	.1	3.9	4.0	3.3	.1													159	109	175	78											
5 / 37		.3	2.7	1.1														55	56	221	131											
1 / 37		.4	.4															16	17	116	144											
1 / 35	.2	.4																13	13	49	127											
3 / 33																				14	119											
1 / 31	.1																	1	1	5	161											
1 / 27																					36											
1 / 27																					57											
1 / 25																					18											
1 / 22																					6											
2 / 21																					1											
1 / 1	1	23	141	72	3	3	.9	.4											218		917											
																		917		517												

Element (X)	Σ x'	Σ x	Σ	C _a	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	459.828	668.58	72.9	1.265	917	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 87 F	≥ 93 F	Total
Dry Bulb	1280370	41412	45.1	3.552	918		.1					93
Wet Bulb	1544842	37556	41.4	3.768	917		.2					93
Dew Point	1261359	33654	36.7	5.315	917		.3					93

METEOROLOGICAL CLIMATOLOGY BRANCH
 METAC
 METEOROLOGICAL SERVICE/MAJ

PSYCHROMETRIC SUMMARY

7 46 40 AT AT NAT AT
STATION

73-82

CC T
MONTH

STATION

STATION NAME

YEARS

PAGE 1

1960-1969
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
5 / 55		.3																10	7																
4 / 52		.3																10	10	3															
3 / 51	.1	.9	1.4	.4	.1													27	27	8															
2 / 48	.3	2.2	3.1	2.2	.3													74	74	15	11														
1 / 47		2.5	4.9	5.7	1.													129	129	41	2														
4 / 45	.1	5.1	8.0	4.9	.5													122	123	55	25														
4 / 43		5.2	9.3	5.1	.3													123	123	131	41														
3 / 41	.2	5.4	8.1	3.7	.7													122	122	125	39														
2 / 39	.3	3.1	5.7	1.4														96	95	209	116														
1 / 37	.4	1.2	1.	.3														27	27	149	153														
0 / 35			1.5	.2														14	14	53	126														
3 / 32	.2	.5																7	7	21	125														
2 / 31		.1																1	1	17	113														
1 / 29																				1	45														
0 / 27																					28														
0 / 25																					24														
2 / 23																					5														
2 / 21																					4														
TOTAL	1.7	26.9	44.5	4.0	2.5														915	916	915														

Element (X)	Σ X ¹	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2132147	67223	74.181	63	915	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1292407	40401	44.2	3.702	916		.1					93
Wet Bulb	153251	37283	42.7	3.822	915		1.3					93
Dew Point	1228513	33173	36.3	5.317	915		22.7					93

GLOBAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

474	ADAM NAS AK	73-62		201
STATION	STATION NAME	YEARS		MONTH

PAGE 1 18-00-2001
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 100-100

PSYCHROMETRIC SUMMARY

STATION ADANA AN STATION NAME ADANA YEARS 73-74 MONTH SEP

PAGE 1 2100-23-0
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 5		.1																1	1																
7 / 5		.1	.2															2	3	2	2														
7 / 5.1	.3	.3		.2														5	8	4	4														
7 / 4		1.4	.5															18	13	6	1														
7 / 7	.7	3.8	2.0	.7														55	65	27	15														
7 / 4.5	.5	4.3	4.4	.7														56	96	51	45														
47 / 4.3	.1	6.5	1.6	2.2	.4													195	166	76	41														
7 / 4.1	.7	6.3	1.9	1.7														190	190	125	58														
7 / 3.7	.4	6.4	1.7	2.1														181	181	17	97														
7 / 3.7		6.7	3.4	.7														80	90	204	113														
7 / 3.5	.2	2.8	1.4	.1														42	42	147	116														
3 / 3.3	.3	1.6	.3															21	21	57	149														
27 / 3.1		2.1																19	19	35	152														
7 / 2.7		.2																2	2	15	75														
7 / 2.7		.1																1	1	2	44														
7 / 2.5																				1	25														
7 / 2.3																					5														
27 / 2.1																					5														
7 / 1																					1														
TOTAL	.34	2.34	5.9	8.2	.4													922	922	922	922														

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_a	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5728980	72106	79.2	9.877	922	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1609166	78334	41.6	3.950	922		2.2					93
Wet Bulb	1408592	35438	38.9	4.112	922		5.3					93
Dew Point	1166097	32911	35.2	5.390	922		31.0					93

2

CLIMATE CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION NO. 73-82 STATION NAME YEARS MONTH

PAGE 1 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
57			.3	.3														4	4					
55			.1	.1														14	14	3				
53		.3	.2	.3	.1													42	42	12				
51		.1	.7	.7	.2	.1	.2											133	133	42	25			
49		.3	1.7	1.6	1.1	.1												345	345	107	5			
47		.3	3.3	3.2	2.3	.3	.2											690	690	255	1			
45		.5	5.4	6.5	2.4	.												1112	1112	476	227			
43		.2	6.7	9.3	3.4	.2												1459	1459	639	320			
41		.3	6.0	9.1	3.0	.1												1353	1353	1202	547			
39		.4	5.6	7.2	1.6	.3												1399	1399	1453	666			
37		.2	4.3	2.5	.4													545	547	1393	1021			
35		.3	2.5	1.3	.1													314	315	905	1009			
33		.2	1.5	.														146	146	414	1537			
31		.	.9	.1														76	76	195	908			
29		.1	.1	.3														16	16	78	506			
27		.	.	.														1	1	6	304			
25																				1	175			
23																					47			
21																					25			
19																					2			
TOTAL	20	30	242	314	5	1	.1											7353	7357	7353	7353			
Element (X)																		Mean No. of Hours with Temperature						
Rel. Hum.	44.0	7269	567445	77.2	30	38	7357	30 F	32 F	67 F	73 F	80 F	93 F	Total										
Dry Bulb	134	5724	3135	0	42	5	4	150	7357	5	4			744										
Wet Bulb	117	5398	291792	39	7	4	150	7353		23	5			744										
Dew Point	562	2669	263	77	35	8	5	348	7353		212	2		744										

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

 $A^T \cdot A^H \quad \forall A^C \quad \text{etc.}$

73-62

YEARS

10
MONTH

2625

2000-0250
HOURS (L, S, T)

[illegible]

CENTRAL CLIMATOLOGY BRANCH
TAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
445	ADAK NA AK

73-82

YEARS

4.5
MONTH

PAGE 1 0300-0500
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
/ 61			.1															1	1						
/ 4			.1	.3	.2													6	6	1					
/ 47	.1	.2		.2														6	6	6	2				
4 / 45	.1	.8	.8	.2														17	17	4	7				
4 / 43	.3	1.9	1.6															34	34	7	6				
/ 41	.7	5.3	3.1															51	51	32	17				
/ 3	1.0	7.5	7.5	1.6	.1													158	158	91	32				
3 / 37	2.6	8.6	7.5	1.6														131	181	142	56				
/ 35	1.2	9.7	7.6	1.6														175	175	159	117				
3 / 33	.3	3.7	2.4	.3	.6													110	110	102	102				
2 / 31	.1	5.2	3.7	.1														51	81	115	151				
2 / 27	.7	1.2	.4															21	21	35	111				
/ 27	.1	.6																6	6	46	103				
/ 25	.2	.7																6	8	7	78				
/ 23		.1																	1	5	36				
2 / 21		.7																6	6	5	59				
/ 1		.1																1	1	2	18				
/ 17																				1	12				
/ 15																					9				
/ 13																					1				
TPL	7.64	8.37	5.5	.1														893	893	893	893				
																					893		893		
																						</			

PSYCHROMETRIC SUMMARY

4-42
STATION

454K VAS AK

71-82

YEARS

NOV
MONTH

PAGE 1

2600-0360
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

METEOROLOGICAL CLIMATOLOGY BRANCH
 METEOROLOGICAL SERVICE
 METEOROLOGICAL SERVICE

PAGE 1 2500-11-0
HOURS (L. S. T.)

[illegible]

2

ARMY CLIMATOLOGY BRANCH
 ETAC
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 4040 STATION NAME ALASKA MAC AIR YEARS 73-74 MONTH NOV
 FACT 1200-1000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
74		.2	.4															7	7															
74.7		.2	.5															13	17															
74.5	.2	1.9	1.8	.6	.7													11	51	23	13													
74.3	.4	4.1	3.6	4.2	.1													113	113	35	23													
74.1	1.5	7.6	9.3	2.5	.7													157	157	64	37													
73	1.5	6.6	11.7	3.	.1													204	204	124	41													
73	.5	7.4	9.7	2.1														175	175	144	36													
73.5	.5	5.2	4.5	1.5	.1													175	175	213	69													
73.3		2.4	2.3	.6														46	46	140	127													
73.1	.1	1.5	.2															17	17	71	100													
72																				3	124													
72.5																				5	91													
72.3																					24													
72.1																					11													
71																					11													
71.7																					7													
71.1																					1													
71.5																					1													
TOTAL		33.8	44.4	415.1	.1													558	558	338	929													
Element (X)	Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	165530		567.6		75.3		1.549		888		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total											
Dry Bulb	140032		35120		39.6		3.476		888				1.7										90											
Wet Bulb	120224		325.7		36.6		3.719		888				11.0										90											
Dew Point	943874		28536		32.1		5.503		888				49.8										90											

USAFETAC FORM 44 JAN 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
METSTAC
FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
450	450	73-22	NOV

PAGE 1 11-12-17-18
HOURS 11. 5. 11

[illegible]

AD-A134 203

ADAK NAS ALASKA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIONS (...U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 24 AUG 83
USAFETAC/DS-83/038 SBI-AD-E850 421 F/G 4/2

5/5

UNCLASSIFIED

NL

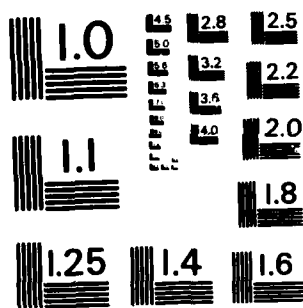
END

DATE

FILED

28

1983



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

7454

ADAK NAS AK

73-82

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1600-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point				
51			.1	.1														2	2					
49		.3																3	3	1				
47		.2																2	2	4	3			
45	.4	1.3	.2	.1	.1													20	20	4	6			
43	1.5	2.6	3.6	.3														71	71	27	2			
41	.4	3.1	3.4	1.9														79	79	34	15			
39	1.9	7.6	8.2	2.4														179	179	93	29			
37	1.6	8.7	9.1	1.5														187	187	158	61			
35	.8	9.5	7.3	1.1														167	167	152	82			
33		6.3	3.9	.7														97	97	195	122			
31	.2	3.2	2.7	.6														60	60	112	172			
29	.3	1.1	.4															17	17	68	116			
27	.1	.3	.1															5	5	28	119			
25		.1																1	1	7	56			
23		.2																2	2	3	23			
21		.1																1	1	2	33			
19																					29			
17																					7			
15																					3			
13																					3			
11	7.5	4.4	3.9	8.6	.1													993	993	893	893			
9																								
7																								
5																								
3																								
1																								
0																								
Element (X)	ΣX	ΣX^2	ΣX^3	ΣX^4	No. Obs.	Mean No. of Hours with Temperature							Total											
Rel. Hum.	5573051	69911	78.2	1.300	893	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F													
Dry Bulb	1272966	33536	37.6	3.897	893		8.7					90												
Wet Bulb	1113615	31325	35.1	4.71	893		22.2					90												
Dew Point	894995	27809	31.1	5.701	893		56.7					90												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

70454	ADAK NAS AK
STATION	STATION NAME

73-82

YEARS

N 3 Y
MONTM

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7 45 40
STATION

ACAK NAS AK

STATION NAME

'3-87

YEARS

NOV
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

2

U.S. AIR FORCE
CLIMATE BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 4740 ADAMAS AK STATION NAME 73-82 YEARS DEC MONTH

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
47		.2																7	7																
45		.1																1	1	2															
43		.4	.5															9	9	1	2														
41		2.3	1.1															30	30	6	1														
39	1.3	4.1	3.1	.1														78	78	44	13														
37	1.3	7.7	4.8	.7														132	132	75	38														
35	.9	11.6	6.4	.4														176	176	108	55														
33	.7	11.4	7.2	1.1														177	177	202	81														
31	1.0	6.7	5.3	.2														120	121	131	154														
29	.1	3.8	3.9	.1														73	73	125	108														
27		3.7	1.5															48	48	80	95														
25		1.6	.3															18	18	69	83														
23		1.4																13	13	27	51														
21		1.5																14	14	11	78														
19	.2	1.4																15	15	17	59														
17	.1	.5																6	6	14	36														
15		.1																1	1	1	27														
13																					10														
11																					14														
9																					2														
TOTAL	6.657	7.734	.1	2.6														913	914	913	913														

Element (X)	Z _x ¹	Z _x	X	C _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5669574	71298	78.1	0.568	913	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 86 F	≥ 93 F	
Dry Bulb	1058139	36783	33.7	0.884	914		31.4					43
Wet Bulb	927875	28765	31.5	0.867	913		48.9					53
Dew Point	722729	25313	27.8	0.809	913		73.6					0.3

Element (X)	Σx^1	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5669574	71298	78.1	0.568	913	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Dry Bulb	1058139	36783	33.7	8.890	914		31.8					93
Wet Bulb	927875	28765	31.5	8.367	913		88.8					53
Dew Point	722729	25113	27.8	6.409	913		73.6					93

USAFETAC FORM 0-26-5 (DLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

ADAK NAS AK

73-87

DEC
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

704540 ALAK NAS AK
STATION STATION NAME

73-62

YEARS

~~DEC~~
MONTH

PAGE 1 ~~3600-0800~~
HOURS (L. S. Y.)

[illegible]

PSYCHROMETRIC SUMMARY

7:4540 ADAN NAS AK

73-62

755

STATION

STATION NAME

YEARS

MONTH

PAGE 1

7920-1150
MOUSE (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7 4545
STATION

ADAK NAS AK

STATION NAME

73-62

YEARS

DEC
MONTH

PAGE 1

1270-1450
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
METAC
A - WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 24 40
STATION

ADAK NIS AK

73-82

DEC
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7 4540 ADAX NAS AK

73-82

25 C

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS 11-5 P.M.

[illegible]

PSYCHROMETRIC SUMMARY

7.4 42 ADAM NAF BK
STATION

73-82

YEARS

ALL
MONTH

Page 1

ALL
HOURS (L. S. T.)

[illegible]

0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GENERAL CLIMATOLOGY BRANCH
METAC
AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4-4 STATION NAME 73-6 YEARS ALL MONTH PAGE - ALL HOURS (L.S., T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	> 31	Dry Bulb	Wet Bulb	Dew Point					
/ 3																														5					
/ 1																														1					
/ -1																														2					
- / -3																														1					
TTL	1.051	532.9	7.0	.5	.1	.0	.0	.0																				8-514	86438						
																												16438	86438						
																					</														

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

704540 ADAK NAS AK

73-82

STATION

STATION NAME

YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	32.0	31.8	33.4	35.3	37.8	42.4	46.5	48.8	46.2	41.5	37.1	33.7	38.9
	S D	4.963	4.525	4.345	3.397	2.797	3.076	3.192	2.914	3.403	4.078	4.282	4.840	6.955
	TOTAL OBS	921	838	916	891	923	893	922	920	890	924	893	914	10845
3-05	MEAN	32.0	31.7	33.3	35.1	37.6	42.1	46.2	48.7	46.	41.3	36.8	33.6	38.7
	S D	5.116	4.685	4.409	3.511	2.962	3.049	3.318	3.002	3.47.	4.173	4.247	4.761	6.968
	TOTAL OBS	921	834	919	891	918	882	921	917	883	917	893	910	10806
6-08	MEAN	32.1	31.5	33.4	35.6	38.7	43.2	47.0	49.0	46.3	41.3	36.9	33.7	39.1
	S D	4.998	4.853	4.315	3.614	2.905	2.959	3.254	2.777	3.496	4.187	4.175	4.758	7.108
	TOTAL OBS	912	836	915	892	916	887	923	918	891	919	896	920	10823
9-11	MEAN	32.9	33.0	35.3	37.8	41.0	45.5	49.4	51.4	49.1	43.7	38.1	34.5	41.0
	S D	4.491	4.419	4.130	3.505	2.765	3.294	3.484	3.042	2.982	3.758	3.792	4.496	7.430
	TOTAL OBS	917	837	914	890	917	882	921	920	884	920	882	916	10800
12-14	MEAN	34.4	34.6	36.6	39.1	42.4	47.2	51.1	52.8	50.4	45.1	39.6	35.7	42.5
	S D	3.568	3.910	4.108	3.452	3.168	3.590	3.865	3.301	2.997	3.652	3.476	3.668	7.381
	TOTAL OBS	914	840	914	888	918	889	914	917	888	918	888	905	10793
15-17	MEAN	33.7	34.0	36.1	38.8	41.9	46.9	50.9	52.4	49.7	44.2	38.6	34.9	41.9
	S D	3.714	3.993	4.093	3.495	3.016	3.681	3.743	3.037	2.950	3.702	3.554	4.197	7.490
	TOTAL OBS	911	831	919	878	917	867	921	922	890	916	890	896	10778
18-20	MEAN	32.6	32.4	34.4	36.9	40.0	45.0	48.9	50.5	47.6	42.2	37.6	34.0	40.2
	S D	4.347	4.283	4.244	3.269	2.767	3.191	3.308	2.695	2.901	3.717	3.897	4.592	7.250
	TOTAL OBS	923	837	914	892	921	898	921	927	894	921	893	913	10854
1-23	MEAN	32.3	32.0	33.7	35.7	38.4	43.2	47.1	49.0	46.5	41.6	37.2	33.8	39.3
	S D	4.597	4.495	4.303	3.311	2.737	2.968	3.129	2.584	3.274	3.950	4.198	4.988	6.988
	TOTAL OBS	919	832	914	887	923	892	919	916	893	922	887	911	10815
ALL HOURS	MEAN	32.8	32.6	34.5	36.8	39.7	44.4	48.4	50.3	47.7	42.6	37.7	34.2	40.2
	S D	4.581	4.532	4.421	3.749	3.372	3.735	3.884	3.326	3.591	4.150	4.064	4.602	7.319
	TOTAL OBS	7336	6685	7325	7109	7353	7110	7362	7357	7113	7357	7122	7285	86514

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

704540 ACAK NAS AK

73-82

STATION NAME		YEARS												
HR	LIST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-07	MEAN	30.3	30.1	31.8	33.3	36.0	40.8	44.9	47.1	44.0	38.9	34.7	31.5	37.0
	S D	4.991	4.491	4.475	3.727	3.034	3.174	3.175	2.822	3.653	4.185	4.284	4.867	7.010
	TOTAL OBS	921	838	916	890	922	893	921	919	889	924	892	913	10838
-07	MEAN	30.3	30.0	31.6	33.1	35.9	40.6	44.7	46.9	43.9	38.8	34.6	31.4	36.8
	S D	5.112	4.654	4.523	3.778	3.177	3.092	3.365	2.839	3.714	4.272	4.268	4.862	7.029
	TOTAL OBS	921	832	919	891	918	881	920	916	881	916	893	908	10796
6-08	MEAN	30.3	29.8	31.6	33.6	36.8	41.4	45.3	47.3	44.1	38.8	34.6	31.6	37.2
	S D	5.050	4.831	4.409	3.887	3.171	2.981	3.216	2.647	3.629	4.257	4.261	4.797	7.151
	TOTAL OBS	909	836	915	892	915	887	923	918	891	918	894	914	10812
6-11	MEAN	31.0	31.0	33.1	35.3	38.5	43.0	47.0	49.0	46.1	40.6	35.6	32.2	38.6
	S D	4.430	4.379	4.257	3.740	2.905	3.138	3.261	2.686	3.075	3.867	3.913	4.578	7.264
	TOTAL OBS	912	835	913	889	917	879	920	920	883	920	882	911	10781
12-14	MEAN	32.2	32.1	34.0	36.1	39.3	44.1	48.0	49.9	46.7	41.4	36.6	33.2	39.5
	S D	3.806	3.893	4.264	3.657	3.083	3.302	3.406	2.837	3.068	3.760	3.719	3.917	7.127
	TOTAL OBS	914	840	914	888	918	889	913	917	887	917	888	904	10789
15-17	MEAN	31.6	31.6	33.6	35.8	38.9	43.9	47.8	49.6	46.2	40.7	35.9	32.5	39.1
	S D	4.008	4.018	4.208	3.708	3.043	3.440	3.322	2.683	3.098	3.822	3.768	4.301	7.244
	TOTAL OBS	908	831	918	876	916	885	918	921	889	915	888	896	10761
1-20	MEAN	30.8	30.5	32.4	34.4	37.5	42.6	46.5	48.2	44.8	39.3	35.1	31.8	37.9
	S D	4.481	4.317	4.404	3.592	2.905	3.170	3.118	2.487	3.266	3.944	4.071	4.643	7.151
	TOTAL OBS	923	837	914	892	921	898	921	926	894	921	893	911	10851
1-23	MEAN	30.5	30.2	31.9	33.6	36.4	41.3	45.3	47.2	44.1	38.9	34.8	31.6	37.2
	S D	4.652	4.497	4.460	3.639	2.964	3.095	3.106	2.532	3.532	4.112	4.278	4.923	6.983
	TOTAL OBS	919	832	914	885	923	892	918	916	892	922	887	910	10810
ALL HOURS	MEAN	30.9	30.7	32.5	34.4	37.4	42.2	46.2	48.2	45.0	39.7	35.2	32.0	37.9
	S D	4.634	4.464	4.465	3.880	3.283	3.428	3.474	2.917	3.566	4.150	4.134	4.656	7.186
	TOTAL OBS	7327	6681	7323	7103	7350	7104	7354	7353	7106	7353	7117	7267	86438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7 4540 ADAK NAS AK

73-82

STATION

STATION NAME

YEARS

HRS. LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN 26.7 S D 6.527 TOTAL OBS 921	MEAN 26.3 S D 6.082 TOTAL OBS 838	MEAN 28.6 S D 5.980 TOTAL OBS 916	MEAN 29.8 S D 5.291 TOTAL OBS 890	MEAN 33.2 S D 4.192 TOTAL OBS 922	MEAN 38.8 S D 3.925 TOTAL OBS 893	MEAN 43.1 S D 3.768 TOTAL OBS 921	MEAN 45.5 S D 3.248 TOTAL OBS 919	MEAN 41.4 S D 4.797 TOTAL OBS 889	MEAN 35.3 S D 5.345 TOTAL OBS 924	MEAN 30.9 S D 5.695 TOTAL OBS 892	MEAN 27.4 S D 6.409 TOTAL OBS 913	MEAN 34.0 S D 8.332 TOTAL OBS 10838
03-05	MEAN 26.6 S D 6.723 TOTAL OBS 921	MEAN 26.4 S D 6.277 TOTAL OBS 832	MEAN 28.3 S D 6.060 TOTAL OBS 919	MEAN 29.7 S D 5.275 TOTAL OBS 891	MEAN 33.2 S D 4.360 TOTAL OBS 918	MEAN 38.7 S D 3.811 TOTAL OBS 881	MEAN 43.0 S D 3.973 TOTAL OBS 920	MEAN 45.4 S D 3.196 TOTAL OBS 916	MEAN 41.4 S D 4.745 TOTAL OBS 881	MEAN 35.4 S D 5.339 TOTAL OBS 916	MEAN 30.8 S D 5.581 TOTAL OBS 893	MEAN 27.3 S D 6.569 TOTAL OBS 908	MEAN 33.9 S D 8.375 TOTAL OBS 10796
06-08	MEAN 26.6 S D 6.693 TOTAL OBS 909	MEAN 26.1 S D 6.476 TOTAL OBS 836	MEAN 28.3 S D 5.915 TOTAL OBS 915	MEAN 30.0 S D 5.438 TOTAL OBS 892	MEAN 33.9 S D 4.543 TOTAL OBS 915	MEAN 39.3 S D 3.817 TOTAL OBS 887	MEAN 43.6 S D 3.810 TOTAL OBS 923	MEAN 45.8 S D 3.055 TOTAL OBS 918	MEAN 41.6 S D 4.669 TOTAL OBS 891	MEAN 35.4 S D 5.327 TOTAL OBS 918	MEAN 30.9 S D 5.654 TOTAL OBS 899	MEAN 27.5 S D 6.428 TOTAL OBS 914	MEAN 34.1 S D 8.521 TOTAL OBS 10812
-11	MEAN 27.3 S D 6.203 TOTAL OBS 912	MEAN 27.1 S D 6.090 TOTAL OBS 835	MEAN 29.3 S D 5.893 TOTAL OBS 913	MEAN 31.2 S D 5.561 TOTAL OBS 889	MEAN 34.9 S D 4.448 TOTAL OBS 917	MEAN 40.2 S D 4.117 TOTAL OBS 879	MEAN 44.5 S D 4.122 TOTAL OBS 920	MEAN 46.9 S D 3.164 TOTAL OBS 920	MEAN 43.0 S D 4.370 TOTAL OBS 883	MEAN 36.6 S D 5.221 TOTAL OBS 920	MEAN 31.7 S D 5.393 TOTAL OBS 882	MEAN 28.0 S D 6.205 TOTAL OBS 911	MEAN 35.1 S D 8.523 TOTAL OBS 10791
1-14	MEAN 28.1 S D 5.933 TOTAL OBS 914	MEAN 27.6 S D 5.875 TOTAL OBS 840	MEAN 29.6 S D 6.090 TOTAL OBS 914	MEAN 31.7 S D 5.644 TOTAL OBS 888	MEAN 35.2 S D 4.596 TOTAL OBS 918	MEAN 40.6 S D 4.492 TOTAL OBS 889	MEAN 44.9 S D 4.256 TOTAL OBS 913	MEAN 47.3 S D 3.443 TOTAL OBS 917	MEAN 42.9 S D 4.557 TOTAL OBS 887	MEAN 36.7 S D 5.315 TOTAL OBS 917	MEAN 32.1 S D 5.503 TOTAL OBS 888	MEAN 28.8 S D 5.799 TOTAL OBS 904	MEAN 35.5 S D 8.447 TOTAL OBS 10789
15-17	MEAN 27.4 S D 6.088 TOTAL OBS 908	MEAN 27.2 S D 5.942 TOTAL OBS 831	MEAN 29.3 S D 5.951 TOTAL OBS 918	MEAN 31.3 S D 5.685 TOTAL OBS 876	MEAN 34.8 S D 4.609 TOTAL OBS 916	MEAN 40.4 S D 4.565 TOTAL OBS 885	MEAN 44.6 S D 4.179 TOTAL OBS 918	MEAN 47.1 S D 3.306 TOTAL OBS 921	MEAN 42.4 S D 4.538 TOTAL OBS 889	MEAN 36.3 S D 5.317 TOTAL OBS 915	MEAN 31.7 S D 5.374 TOTAL OBS 888	MEAN 28.1 S D 5.965 TOTAL OBS 896	MEAN 35.1 S D 8.517 TOTAL OBS 10761
18-20	MEAN 27.1 S D 6.253 TOTAL OBS 923	MEAN 26.7 S D 6.092 TOTAL OBS 837	MEAN 28.6 S D 6.023 TOTAL OBS 914	MEAN 30.4 S D 5.451 TOTAL OBS 892	MEAN 33.9 S D 4.299 TOTAL OBS 921	MEAN 39.7 S D 4.165 TOTAL OBS 898	MEAN 43.9 S D 3.942 TOTAL OBS 921	MEAN 46.2 S D 3.090 TOTAL OBS 926	MEAN 41.7 S D 4.548 TOTAL OBS 894	MEAN 35.4 S D 5.280 TOTAL OBS 921	MEAN 31.1 S D 5.701 TOTAL OBS 893	MEAN 27.7 S D 6.166 TOTAL OBS 911	MEAN 34.4 S D 8.426 TOTAL OBS 10851
21-23	MEAN 26.9 S D 6.312 TOTAL OBS 919	MEAN 26.4 S D 6.162 TOTAL OBS 832	MEAN 28.5 S D 6.072 TOTAL OBS 914	MEAN 30.0 S D 5.318 TOTAL OBS 885	MEAN 33.5 S D 4.197 TOTAL OBS 923	MEAN 39.2 S D 3.928 TOTAL OBS 892	MEAN 43.3 S D 3.769 TOTAL OBS 918	MEAN 45.6 S D 3.042 TOTAL OBS 916	MEAN 41.3 S D 4.683 TOTAL OBS 892	MEAN 35.2 S D 5.390 TOTAL OBS 922	MEAN 30.8 S D 5.816 TOTAL OBS 887	MEAN 27.6 S D 6.332 TOTAL OBS 910	MEAN 34.1 S D 8.324 TOTAL OBS 10810
ALL HOURS	MEAN 27.1 S D 6.363 TOTAL OBS 7327	MEAN 26.7 S D 6.144 TOTAL OBS 6681	MEAN 28.8 S D 6.015 TOTAL OBS 7323	MEAN 30.5 S D 5.502 TOTAL OBS 7103	MEAN 34.1 S D 4.466 TOTAL OBS 7350	MEAN 39.6 S D 4.164 TOTAL OBS 7104	MEAN 43.9 S D 4.037 TOTAL OBS 7354	MEAN 46.2 S D 3.276 TOTAL OBS 7353	MEAN 42.0 S D 4.659 TOTAL OBS 7106	MEAN 35.8 S D 5.348 TOTAL OBS 7353	MEAN 31.3 S D 5.610 TOTAL OBS 7117	MEAN 27.8 S D 6.255 TOTAL OBS 7267	MEAN 34.5 S D 8.453 TOTAL OBS 86938

RELATIVE HUMIDITY

JAN
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN.	0-02	100.0	100.0	100.0	100.0	99.7	95.2	81.2	56.2	24.6	81.2	921
	03-05	100.0	100.0	100.0	100.0	99.5	94.0	78.9	55.7	25.3	81.0	921
	06-08	100.0	100.0	100.0	100.0	99.7	93.9	78.4	53.7	26.1	80.7	909
	09-11	100.0	100.0	100.0	100.0	99.3	92.2	75.4	52.9	28.2	80.5	912
	12-14	100.0	100.0	100.0	100.0	98.9	89.1	69.8	47.6	23.2	78.5	914
	15-17	100.0	100.0	99.9	99.8	99.0	91.5	71.5	48.2	20.2	78.5	908
	18-20	100.0	100.0	100.0	100.0	99.1	94.1	79.6	55.4	21.9	80.6	923
	21-23	100.0	100.0	100.0	100.0	99.7	94.1	80.5	55.9	24.4	80.9	919
TOTALS		100.0	100.0	100.0	100.0	99.4	93.0	76.9	53.2	24.2	80.2	7327

RELATIVE HUMIDITY

FEB
MONTH

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	0-02	100.0	100.0	100.0	100.0	99.9	95.0	77.6	53.3	25.5	80.8	838
	3-05	100.0	100.0	100.0	100.0	99.4	94.1	79.6	55.5	27.5	81.3	832
	06-08	100.0	100.0	100.0	100.0	98.8	94.7	79.7	51.6	25.6	80.9	836
	09-11	100.0	100.0	100.0	100.0	99.3	92.8	74.7	48.1	24.1	79.7	835
	12-14	100.0	100.0	100.0	100.0	97.6	86.1	64.5	40.0	19.3	76.5	840
	15-17	100.0	100.0	100.0	100.0	98.4	88.3	64.4	41.8	18.5	76.9	831
	18-20	100.0	100.0	100.0	100.0	99.6	93.2	76.0	50.8	23.9	79.9	837
	21-23	100.0	100.0	100.0	100.0	99.6	94.5	76.8	53.1	23.3	80.3	832
TOTALS		100.0	100.0	100.0	100.0	99.1	92.3	74.2	49.3	23.6	79.5	6681

RELATIVE HUMIDITY

MAR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	99.7	97.3	86.5	61.5	28.1	82.9	916
	03-05	100.0	100.0	100.0	99.9	99.7	97.7	84.9	58.3	26.3	82.3	919
	06-08	100.0	100.0	100.0	100.0	99.8	97.5	82.8	57.9	27.4	82.2	915
	09-11	100.0	100.0	100.0	100.0	99.6	95.0	74.5	47.6	22.8	79.6	913
	12-14	100.0	100.0	100.0	100.0	99.1	89.5	62.3	37.6	16.5	76.3	914
	15-17	100.0	100.0	100.0	100.0	99.2	91.5	65.8	38.3	17.4	76.8	918
	18-20	100.0	100.0	100.0	100.0	100.0	95.7	78.0	48.1	20.2	79.8	914
	21-23	100.0	100.0	100.0	100.0	99.9	96.8	82.9	56.8	23.7	81.6	914
TOTALS		100.0	100.0	100.0	100.0	99.6	95.1	77.2	50.8	22.8	80.2	7323

RELATIVE HUMIDITY

STATION NAME

PERIOD

APR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	98.3	79.6	51.5	21.0	80.6	890
	03-05	100.0	100.0	100.0	100.0	100.0	98.1	81.8	54.3	21.1	81.0	891
	06-08	100.0	100.0	100.0	100.0	99.9	97.0	80.2	53.4	21.7	80.4	892
	09-11	100.0	100.0	100.0	99.6	99.4	90.4	68.8	43.2	16.8	77.5	889
	12-14	100.0	100.0	100.0	100.0	98.3	84.1	60.0	40.4	16.2	75.6	898
	15-17	100.0	100.0	100.0	100.0	98.9	83.4	61.1	38.1	14.6	75.3	876
	18-20	100.0	100.0	100.0	100.0	99.8	92.7	67.0	43.9	18.8	77.9	892
	21-23	100.0	100.0	100.0	100.0	99.9	97.6	76.6	49.0	21.5	79.9	885
TOTALS		100.0	100.0	100.0	100.0	99.5	92.7	71.9	46.7	19.0	78.5	7103

RELATIVE HUMIDITY

MAY
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	98.8	90.7	70.2	22.9	83.7	922
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	90.8	70.6	25.1	84.1	918
	06-08	100.0	100.0	100.0	100.0	100.0	97.3	88.1	64.2	26.0	83.2	915
	09-11	100.0	100.0	100.0	100.0	99.9	93.6	75.1	49.2	17.2	79.4	917
	12-14	100.0	100.0	100.0	99.9	99.0	87.3	66.4	37.9	12.9	76.3	918
	15-17	100.0	100.0	100.0	100.0	99.1	90.0	64.7	40.1	12.8	76.5	916
	18-20	100.0	100.0	100.0	100.0	100.0	95.8	76.8	47.9	14.2	79.2	921
	21-23	100.0	100.0	100.0	100.0	99.9	98.4	88.0	62.4	21.0	82.5	923
TOTALS		100.0	100.0	100.0	100.0	99.7	95.0	80.1	55.3	19.0	80.6	7350

RELATIVE HUMIDITY

JUN
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.9	99.8	97.0	78.7	38.1	87.0	893
	03-05	100.0	100.0	100.0	100.0	99.8	99.4	97.0	81.4	41.8	87.6	881
	06-08	100.0	100.0	100.0	100.0	99.7	99.2	95.0	75.4	35.7	86.4	887
	09-11	100.0	100.0	100.0	100.0	99.7	96.8	87.6	56.3	23.9	82.0	879
	12-14	100.0	100.0	100.0	99.7	98.8	93.3	75.1	44.9	14.3	78.2	689
	15-17	100.0	100.0	100.0	99.8	98.8	93.7	76.6	44.4	14.9	78.4	885
	18-20	100.0	100.0	100.0	100.0	99.9	98.9	85.2	56.2	23.9	82.1	898
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	96.3	71.6	33.4	85.8	892
TOTALS		100.0	100.0	100.0	99.9	99.6	97.6	88.7	63.6	28.3	83.4	7104

RELATIVE HUMIDITY

JUL
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.9	98.6	85.7	37.7	98.1	921
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	98.8	87.0	40.7	88.7	920
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.9	82.2	38.6	97.9	923
	09-11	100.0	100.0	100.0	99.8	99.5	97.5	92.2	64.1	23.9	83.5	920
	12-14	100.0	100.0	99.9	99.6	99.0	97.0	84.6	46.8	14.1	79.9	913
	15-17	100.0	100.0	100.0	99.7	99.0	96.8	81.6	46.4	13.9	79.5	918
	18-20	100.0	100.0	100.0	99.8	99.5	98.5	91.2	61.9	20.5	63.0	921
	21-23	100.0	100.0	100.0	100.0	99.9	99.6	97.4	80.8	30.5	86.5	918
TOTALS		100.0	100.0	100.0	99.9	99.6	98.6	92.8	69.4	27.5	84.6	7354

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

704540
STATION

ADAK NAS AK
STATION NAME

73-82
PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.0	88.0	37.3	88.2	919
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.2	98.2	39.1	88.2	916
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.6	88.5	40.0	88.5	918
	09-11	100.0	100.0	100.0	100.0	100.0	98.9	94.9	71.5	24.3	84.8	920
	12-14	100.0	100.0	100.0	99.8	99.7	96.9	89.3	57.5	16.9	82.0	917
	15-17	100.0	100.0	100.0	99.8	99.7	98.2	90.3	58.5	16.2	82.2	921
	18-20	100.0	100.0	100.0	100.0	99.8	99.4	96.3	72.5	24.6	85.2	926
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.6	86.6	36.1	87.8	916
TOTALS		100.0	100.0	100.0	100.0	99.9	99.2	96.0	76.4	29.3	85.9	7353

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

704543
STATION

ADAK NAS AK

73-82

SEP
MON

MONTH	HOURS ("S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	98.1	91.2	65.4	22.3	83.5	889
	03-05	100.0	100.0	100.0	100.0	100.0	98.1	91.5	68.4	22.1	83.6	891
	06-08	100.0	100.0	100.0	100.0	100.0	98.2	91.2	65.4	25.3	83.8	891
	09-11	100.0	100.0	100.0	100.0	99.8	96.0	83.4	47.1	12.9	79.6	883
	12-14	100.0	100.0	100.0	100.0	99.2	92.0	68.5	34.4	11.0	76.2	687
	15-17	100.0	100.0	100.0	100.0	99.6	91.7	72.9	31.9	10.3	76.4	689
	18-20	100.0	100.0	100.0	100.0	99.9	97.8	84.5	47.9	14.8	80.1	894
	21-23	100.0	100.0	100.0	100.0	100.0	98.5	88.5	59.9	17.8	82.2	892
TOTALS		100.0	100.0	100.0	100.0	99.8	96.3	84.0	52.6	17.1	80.7	7106

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 4540 ADAM NAS AK 73-82 OCT
STATION MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.9	95.9	77.5	47.2	11.5	79.0	924
	03-05	100.0	100.0	100.0	100.0	99.9	96.8	60.7	49.9	11.7	79.6	916
	06-08	100.0	100.0	100.0	100.0	99.9	96.4	79.5	50.5	14.6	79.8	916
	09-11	100.0	100.0	100.0	100.0	99.8	91.3	69.5	37.8	3.7	76.6	920
	12-14	100.0	100.0	100.0	100.0	98.5	84.4	55.4	25.3	5.7	72.9	911
	15-17	100.0	100.0	100.0	100.0	98.8	87.4	61.0	29.1	7.0	74.1	915
	18-20	100.0	100.0	100.0	100.0	99.6	95.2	71.4	37.4	9.1	77.1	921
	21-23	100.0	100.0	100.0	100.0	99.5	95.8	75.8	41.2	11.6	78.2	922
TOTALS		100.0	100.0	100.0	100.0	99.5	92.9	71.4	39.8	10.1	77.2	7353

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 454C
STATION

ADAK NAS AK

STATION NAME

73-82

PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	99.7	93.7	75.9	47.0	15.6	78.7	892
	03-05	100.0	100.0	100.0	100.0	99.4	94.8	77.9	48.9	16.0	79.2	893
	06-08	100.0	100.0	100.0	100.0	99.6	95.5	76.4	46.9	15.7	79.4	894
	09-11	100.0	100.0	100.0	100.0	99.4	94.0	72.8	42.7	14.3	78.2	682
	12-14	100.0	100.0	100.0	99.9	98.9	88.1	61.6	33.4	10.2	75.3	898
	15-17	100.0	100.0	100.0	100.0	99.2	93.0	68.2	37.2	11.8	76.8	688
	18-20	100.0	100.0	100.0	100.0	98.5	93.5	74.5	43.4	14.8	78.2	893
	21-23	100.0	100.0	100.0	100.0	99.4	93.2	74.6	43.5	14.2	78.1	687
TOTALS		100.0	100.0	100.0	100.0	99.3	93.2	72.7	42.9	14.2	78.0	7117

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

DEC
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	99.9	94.6	73.9	45.5	12.5	76.1	913
	03-05	100.0	100.0	100.0	100.0	99.3	93.3	74.1	46.1	12.6	76.1	908
	06-08	100.0	100.0	100.0	100.0	99.5	93.3	74.2	45.8	14.9	79.4	914
	09-11	100.0	100.0	100.0	100.0	99.2	93.3	72.8	43.2	13.4	77.6	911
	12-14	100.0	100.0	100.0	100.0	98.8	90.8	67.6	41.5	13.1	76.8	904
	15-17	100.0	100.0	100.0	100.0	99.9	92.0	69.2	40.1	11.7	76.6	896
	18-20	100.0	100.0	100.0	100.0	99.9	94.6	74.8	44.6	12.6	77.9	911
	21-23	100.0	100.0	100.0	100.0	100.0	95.9	74.3	45.4	12.4	78.3	910
TOTALS		100.0	100.0	100.0	100.0	99.6	93.5	72.6	44.0	12.9	77.7	7267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 4542 ADAA NAS AK 73-82 ALL
STATION PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.4	93.0	76.9	53.2	24.2	80.2	7327
FEB		100.0	100.0	100.0	100.0	99.1	92.3	74.2	49.3	23.6	79.5	6681
MAR		100.0	100.0	100.0	100.0	99.6	95.1	77.2	50.8	22.8	80.2	7323
APR		100.0	100.0	100.0	100.0	99.5	92.7	71.9	46.7	19.0	78.5	7103
MAY		100.0	100.0	100.0	100.0	99.7	95.0	80.1	55.3	19.0	80.6	7350
JUN		100.0	100.0	100.0	99.9	99.6	97.6	88.7	63.6	28.3	83.4	7104
JUL		100.0	100.0	100.0	99.9	99.6	98.6	92.8	69.4	27.5	84.6	7354
AUG		100.0	100.0	100.0	100.0	99.9	99.2	96.0	76.4	29.3	85.9	7353
SEP		100.0	100.0	100.0	100.0	99.8	96.3	84.0	52.6	17.1	80.7	7106
OCT		100.0	100.0	100.0	100.0	99.5	92.9	71.4	39.8	10.1	77.2	7353
NOV		100.0	100.0	100.0	100.0	99.3	93.2	72.7	42.9	14.2	78.0	7117
DEC		100.0	100.0	100.0	100.0	99.6	93.5	72.6	44.0	12.9	77.7	7267
TOTALS		100.0	100.0	100.0	100.0	99.6	95.0	79.9	53.7	20.7	80.5	86438

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

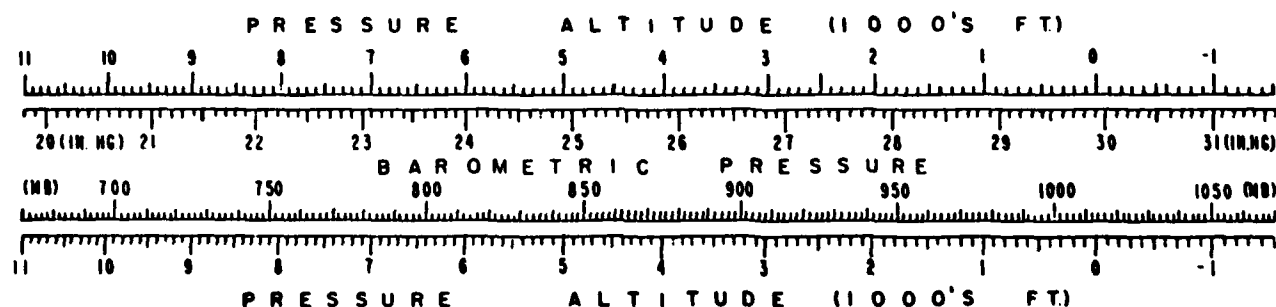
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFH WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

704540 ADAM NAS AK

73-82

STATION

STATION NAME

YEARS

HRS. LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	MEAN S.D. TOTAL OBS.	29.40929 .429 309	29.50329 .468 282	29.51629 .445 305	29.75829 .379 299	29.74529 .322 309	29.86129 .305 300	29.88829 .252 310	29.83429 .262 308	29.84929 .319 299	29.73529 .433 310	29.58929 .431 299	29.681 .460 309
4	MEAN S.D. TOTAL OBS.	29.39629 .428 307	29.48829 .471 276	29.50629 .443 305	29.74129 .379 295	29.72329 .321 308	29.83929 .302 294	29.86729 .252 304	29.81029 .264 302	29.82629 .318 295	29.71029 .434 305	29.57329 .427 298	29.661 .457 302
7	MEAN S.D. TOTAL OBS.	29.39629 .432 308	29.49829 .463 282	29.52129 .446 310	29.74929 .385 299	29.73729 .324 308	29.85529 .303 297	29.88429 .251 309	29.82629 .265 308	29.84329 .319 298	29.72529 .429 309	29.58429 .420 298	29.674 .453 308
10	MEAN S.D. TOTAL OBS.	29.40729 .435 305	29.50329 .458 279	29.53029 .451 304	29.75329 .388 291	29.73329 .325 306	29.85329 .301 296	29.88029 .251 304	29.82129 .265 305	29.84429 .322 292	29.72429 .428 309	29.58829 .417 291	29.676 .456 303
13	MEAN S.D. TOTAL OBS.	29.39729 .437 309	29.51229 .459 282	29.53829 .449 307	29.76029 .382 300	29.74429 .318 306	29.86229 .301 297	29.88829 .250 306	29.82429 .269 306	29.84129 .324 296	29.72229 .424 308	29.58429 .421 298	29.678 .454 306
16	MEAN S.D. TOTAL OBS.	29.38429 .434 301	29.48629 .462 277	29.50329 .444 306	29.74229 .375 293	29.72429 .315 307	29.83829 .301 293	29.87129 .247 310	29.80329 .269 307	29.81529 .326 298	29.70229 .421 306	29.55929 .428 297	29.659 .450 293
19	MEAN S.D. TOTAL OBS.	29.39829 .434 309	29.50529 .461 279	29.52029 .448 308	29.75829 .372 299	29.73729 .317 310	29.84929 .304 299	29.88229 .246 309	29.81829 .265 309	29.83629 .324 300	29.72829 .419 309	29.58029 .432 300	29.674 .460 308
2	MEAN S.D. TOTAL OBS.	29.39429 .431 308	29.50929 .467 271	29.51929 .449 303	29.76029 .375 291	29.74629 .318 307	29.85429 .307 295	29.88729 .248 306	29.82629 .267 307	29.84429 .323 298	29.72829 .426 308	29.58029 .433 297	29.676 .463 303
ALL HOURS	MEAN S.D. TOTAL OBS.	29.39829 .432 2456	29.50129 .463 2228	29.51929 .446 2448	29.75329 .379 2367	29.73629 .320 2461	29.85129 .303 2371	29.88129 .249 2458	29.82029 .265 2452	29.83729 .322 2376	29.72229 .426 2464	29.58029 .426 2378	29.673 .456 2432

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

7 4540 ADAX NAS AK

73-82

STATION		STATION NAME												YEARS															
HRS LST		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL			
01	MEAN	996.5 999.71000.31008.41007.91011.81012.81010.91011.41007.61002.6 999.0 1005.8																											
	S D	14.49215.84715.10312.79410.87810.343 8.504 8.86910.75814.60914.59715.587 14.054																											
	TOTAL OBS	310 282 307 299 309 299 310 309 300 310 299 309 3693																											
08	MEAN	996.4 999.61000.21008.11007.51011.41012.41010.41011.11007.11002.5 998.6 1005.4																											
	S D	14.48515.91215.02412.83210.90110.265 8.535 8.90510.76414.63914.49215.444 14.000																											
	TOTAL OBS	307 277 306 296 309 293 304 302 296 306 298 302 3596																											
7	MEAN	996.1 999.51000.31008.01007.71011.71012.61010.61011.21007.21002.4 998.5 1005.5																											
	S D	14.61215.66015.12513.01610.98910.269 8.497 8.95710.80414.48414.23815.351 14.028																											
	TOTAL OBS	309 282 310 299 309 298 310 308 299 309 298 310 3691																											
10	MEAN	996.8 999.91001.01008.51007.81012.01012.91010.81011.61007.61003.0 999.2 1005.9																											
	S D	14.67515.41715.30913.03010.99710.212 8.453 8.92810.88714.40614.14315.367 13.962																											
	TOTAL OBS	306 278 304 292 306 295 306 306 293 309 291 305 3591																											
13	MEAN	996.01000.01000.91008.41007.81011.81012.81010.61011.11007.11002.4 998.6 1005.6																											
	S D	14.80315.53515.22612.90710.80710.169 8.447 9.10510.99114.33614.27115.362 14.012																											
	TOTAL OBS	310 282 307 300 307 299 306 306 298 309 298 306 3628																											
14	MEAN	996.0 999.51000.11008.21007.61011.41012.51010.21010.71006.81001.9 998.4 1005.3																											
	S D	14.62115.62815.07812.61210.65010.223 8.340 9.08110.99814.14214.53115.200 13.923																											
	TOTAL OBS	302 277 306 293 307 293 310 308 299 308 294 294 3597																											
16	MEAN	996.1 999.71000.31008.31007.61011.41012.51010.31011.01007.31002.3 998.6 1005.5																											
	S D	14.65415.59715.15712.56410.70910.316 8.327 9.05710.93914.16914.62715.579 13.975																											
	TOTAL OBS	310 280 308 300 310 299 309 310 300 309 300 308 3693																											
2	MEAN	996.31000.11000.61008.81008.31012.01013.11011.01011.61007.71002.7 998.6 1005.9																											
	S D	14.62415.77115.24112.82510.75610.418 8.361 8.99411.00914.34114.66015.664 14.097																											
	TOTAL OBS	309 273 303 292 307 295 305 308 299 308 297 303 3599																											
ALL HOURS	MEAN	996.3 999.81000.41008.31007.81011.71012.71010.61011.21007.31002.5 998.7 1005.6																											
	S D	14.60315.64815.13912.78210.82410.264 8.429 8.97910.88214.37414.42915.425 14.007																											
	TOTAL OBS	2463 2231 2451 2371 2469 2371 2460 2457 2389 2468 2379 2439 28938																											

DATE
LME